

2001-2003

CATALOG



FLORIDA
MEMORIAL
COLLEGE





FLORIDA MEMORIAL COLLEGE

C A T A L O G

2001 - 2003

Birthplace of "Lift Every Voice and Sing"

Catalog Number 42

Florida Memorial College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award the Bachelor of Arts and Bachelor of Science degrees. The College is also chartered by the State of Florida.



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A MESSAGE FROM THE PRESIDENT

Since 1879 Florida Memorial College has emphasized to its students the importance of learning and leadership. Today, the institution continues to stress these qualities for the purpose of helping students to become responsible contributing citizens in their various communities.



In the future, as we become increasingly a more global society and world market, the need for people with exceptional educational skills will be in high demand. Here at Florida Memorial College we are committed to being an institution of higher learning that is at the forefront of this momentous endeavor.

The new 2001-2003 catalog is being provided to assist students in successfully matriculating at Florida Memorial College.

Albert E. Smith, Ph.D.
President

STATEMENT OF DISCLOSURE

The information contained in this catalog represents the current requirements, regulations, programs, fees and other charges of Florida Memorial College. Regulations and requirements stated herein, including fees and other charges, are subject to change without notice at the discretion of the Board of Trustees and the President of the College. The College further reserves the right to require a student to withdraw at any time as well as the right to impose probation on any student whose conduct is unsatisfactory. Admission based on false statements or documents will be voided. Credit will not be granted for classes taken under these circumstances. In addition, tuition or fees paid will not be refunded if a student is dismissed or suspended from the College for cause. Any balances owed the College are considered receivable and will be collected.

ii

Florida Memorial College maintains a system of records which includes application forms, letters of recommendation, admission test scores, and student transcripts. Records are made available upon written request through the Office of the Registrar. Direct access and disclosure to a third party is prohibited by law. Access is given only upon written consent by the student or if required in legal matters. Disclosure of student records to parents is not prohibited if the student is listed as a dependent on the federal income tax form of the parent.

A person does not have the right of access to educational records until he or she has been admitted and has actually begun attending Florida Memorial College.

Parents of dependent students will be provided a hearing by Florida Memorial College if they wish to challenge the contents of the record. If still not satisfied, the parents of dependent students may add explanatory or rebuttal materials to the record.

Florida Memorial College practices a policy of nondiscrimination in employment and admission. It is a policy of the College to provide equal opportunities to all eligible persons without regard to race, religion, color, national origin, citizenship, age, sex, marital status, handicap, labor organization membership, political affiliation, height, weight, and record of arrest without conviction.

Contents

Message from the President	i	Student Affairs	11
		College Standards	11
		Counseling Services	11
Statement of Disclosure	ii	Cultural Activities	12
		Student Activities	12
		Religious Activities	12
Contents	iii	Student Orientation	13
		Health Services	13
		Counseling Center	13
College Campus Map	v	Anti-Hazing Policy	14
		Financial Aid	14
		Campus-Based Aid	15
		Scholarship	15
Academic Calendar	vi	Admissions	15
		Conditional	19
		Readmission	19
			iii
Institutional Statement of Purpose	1	Financial Information	19
		Schedule of Tuition	
		and Fees	19
Accreditation	2	Service Charges	20
		Description of Service	
		Charges	21
Memberships and Affiliations	2	Payment of Tuition	23
		Deferred Payment Plan	24
		Exam Permit	24
		Special Stipulations	25
The College Campus	3	Refund Adjustments	25
		Refund Schedule	26
Campus Directory	7	Information Management	
		and Technology	27
		Academic Computing	27
Development and College		Student Computing Labs	27
Relations	9	WebCT	28
Development	9	Web Development	28
Public Affairs	9	Administrative Computing	28
Governmental Affairs	9	Network Services	28
Church Relations	10		
Alumni Affairs	10		

Academic Information 30

Academic Regulations	30
Degree Programs	31
Credit by Examination	33
Academic Standing	34
Transfer of Credits Policy	35
Articulation Agreement	36
Graduation Requirements	36
Second Baccalaureate Degree	37
Dual Majors	37
Attendance Policy	37
Grading System and Quality Points	38
Grade Reports	39
Academic Honors	39
Honor Societies	40
Grade Dispute	41
Change of Grades	41
Registration	41
Course Cancellation	42
Add, Drop and Withdrawals	42
Auditing a Course	43
Concurrent Enrollment	43
Transient Permit	44
Classification of Students	44
Academic Honor Code	44
Student Records	45
Family Educational Rights & Privacy Act	46
Veteran Affairs	48
Career Planning and Placement	49
Center for Urban Environmental Studies	50

College Library	50
Grants and Sponsored Research	51
Institutional Research	51
Institutional Self-Study Office	52
Testing Center Services	52
Core Curriculum	53
Honors Program	56

Academic Divisions 59

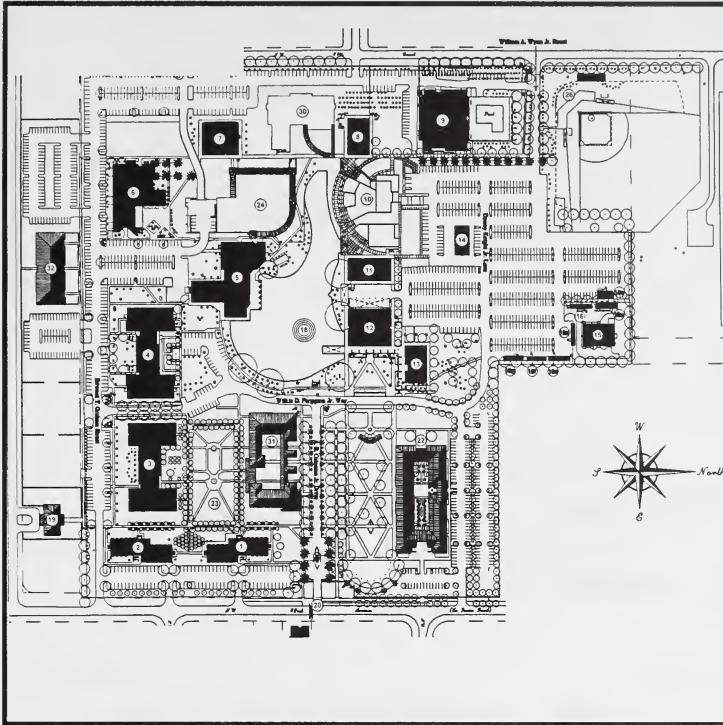
General College	60
Airway and Computer Sciences	64
Business Administration	77
Education	92
Extension and Continuing Education	113
Humanities	118
Natural Sciences and Mathematics	135
Social Sciences	151

Course Descriptions 173

College Personnel 271

Index 288

Campus Map



1. J.T. Brown Residence Hall
2. A.B. Coleman, Sr. Residence Hall
3. R. Ray Goode Residence Hall
4. Willie C. Robinson Residence Hall
5. J.C. Sams Activity Center
6. William Lehman Aviation Center
7. James Weldon & J. Rosamond Johnson Fine Arts Building
8. M. Athalie Range Science Hall
9. A. Chester Robinson Athletic Center
10. Matthew W. Gilbert Auditorium
11. Sarah A. Blocker Hall
12. Nathan W. Collier Library
13. Royal W. Puryear Administration Building
14. G.W. Coleman and K.S. Westfall Physical Plant

15. Andrew Anderson and Donald Bacon Service Center
17. Susie C. Holley Religious Center
18. Celestine Dixon and Sarah Rice Fountain of Excellence
19. Florida Memorial College Headstart Center
20. Main Entrance and Welcome Center
21. Mall and Memorial Arch
22. Student Services Center
23. Quadrangle
24. Dining Hall
25. Lion Statue and Flag Court
26. Baseball Field and Facilities
27. West Entrance
28. Service Entrance

Academic Calendar

FALL SEMESTER, 2001

AUGUST

- 11 *Placement Test Early Administration (Main Campus)*
- 17 Faculty/Staff Conference
- 18 Residence Halls Open - NEW STUDENTS ONLY
Orientation Begins
- 18-21 Campus Life Orientation and Testing
NEW STUDENTS ONLY
- 21 New Student Advising and Registration - NEW
STUDENTS ONLY
- 22 New Student Advising and Registration
- 23 Residence Halls Open - RETURNING STUDENTS
OPEN REGISTRATION ALL STUDENTS - MAIN CAMPUS
- 24 OPEN REGISTRATION ALL STUDENTS - MAIN CAMPUS
- 25 OPEN REGISTRATION ALL STUDENTS - MAIN CAMPUS
- 27 **Classes Begin**
LATE REGISTRATION BEGINS - \$50 fee
Add/Drop Period Begins

SEPTEMBER

- 3 *Labor Day Recess (NO CLASSES)*
- 4 Classes Resume
LATE REGISTRATION ENDS
Add/Drop Period Ends
- 7 Deadline to Register for CLAST (\$35)
Deadline to Apply for Fall 2001 Graduation
- 13 Fall Convocation

OCTOBER

- 6 *CLAST Administered*
- 22-27 Mid-Term Examinations (Exam Permits required
See Student Accounts)
- 30 Midterm Grades Due

Nov. 5 -Dec. 8

- Pre-Registration for Spring 2002*
- 9 Last Day to Withdraw (WP/WF)
- 16 Deadline to Apply for Spring 2002 Graduation
- 22-24 Thanksgiving Recess
- 26 **Classes Resume**
- 28 Deadline to Remove Incomplete Grades (Spring &
Summer 2001)
Deadline for Credit by Examination

vii

DECEMBER

- 7 *Last Day to Withdraw Officially from the College*
Reading Day
- 8 Last Day of Class
- 10-15 Final Examinations
- 14 Last day for Clearance for December 2001
Graduation
- 15 Residence Halls Close at 12:00 p.m.
- 18 Final Grades Due

Dec. 22 - Jan. 7, 2002 Campus Closed for Christmas Holidays

SPRING SEMESTER, 2002

JANUARY

- 5 Residence Halls Open - NEW STUDENTS ONLY

- 8 Orientation, Testing, Registration - NEW
STUDENTS ONLY
- 9 New Student Registration - MAIN CAMPUS
Residence Halls Open - RETURNING STUDENTS
- 10 OPEN REGISTRATION- MAIN CAMPUS
- 11 OPEN REGISTRATION- MAIN CAMPUS
- 12 OPEN REGISTRATION- MAIN CAMPUS
- 14 **CLASSES BEGIN**
Late Registration Begins
Add/Drop Period Begins
- 18 **LATE REGISTRATION ENDS**
Add/Drop Period Ends
Deadline to Register for CLAST (\$35)
- 21 Martin Luther King, Jr. Holiday (NO CLASSES)
- 22 Classes Resume

FEBRUARY

- 16 CLAST Administered

viii

MARCH

- 11-16 *Mid-Term Examinations (Exam Permits
required - See Student Accounts)*
Midterm Grades Due - 12:00 Noon
- 25-30 Spring Break

APRIL

- 1 *Pre-Registration for Summer & Fall 2002
Begins*
- 5 Last Day to Withdraw (WP/WF)
- 15 Deadline for Credit by Examination
- 15- 20 Senior Examinations
- 19 Deadline to Remove Incomplete Grades for
Fall, 2001
- 22 Senior Grades Due by 12:00 Noon

MAY

- 3 *Last Day to Pre-Register for Summer & Fall
2002*
Last Day to Withdraw Officially from the
College
Last Day to Apply for Summer 2002
Graduation

Last Day for Clearance for May 2002

Graduation

Last Day of Classes

Deadline to Register for CLAST (\$35)

4 Commencement

6-11 *Final Examinations*

11 Residence Halls Close at 12:00 Noon

14 All Other Grades Due

SUMMER SESSION, 2002

MAY

26 *Residence Halls Open*

27 Memorial Day (NO CLASSES)

28 Registration

29 **Classes Begin**

Late Registration - \$50 fee

Add/Drop Begins

31 Add/Drop Period Ends

ix

JUNE

1 *CLAST Administered*

24-29 Mid -Term Examinations

JULY

1-23 *Pre-Registration for Fall 2002 Resumes*

4 Independence Day (NO CLASSES)

8 Classes Resume

23 Last Day of Classes

Final Examinations

25 Grades Due

27 Summer Commencement

28 Residence Halls Close

FALL SEMESTER, 2002

AUGUST

- 10 *Placement Test Early Administration (Main Campus)*
16 Faculty/Staff Conference
17 Residence Halls Open - NEW STUDENTS ONLY
 Orientation Begins
17-20 Campus Life Orientation and Testing NEW STUDENTS
 ONLY
20 New Student Advising and Registration - NEW STUDENTS
 ONLY
21 New Student Advising and Registration
22 Residence Halls Open - RETURNING STUDENTS
 OPEN REGISTRATION ALL STUDENTS - MAIN CAMPUS
23 OPEN REGISTRATION ALL STUDENTS - MAIN CAMPUS
24 OPEN REGISTRATION ALL STUDENTS - MAIN CAMPUS
26 **Classes Begin**
 LATE REGISTRATION BEGINS - \$50 fee
 Add/Drop Period Begins

x

SEPTEMBER

- 2 *Labor Day Recess (NO CLASSES)*
3 Classes Resume
 LATE REGISTRATION ENDS
 Add/Drop Period Ends
6 Deadline to Register for CLAST (\$35)
 Deadline to Apply for Fall 2002 Graduation
12 Fall Convocation

OCTOBER

- 5 *CLAST Administered*
21-26 Mid-Term Examinations
29 Midterm Grades Due

NOVEMBER

Nov. 1 -Dec. 6

- Pre-Registration for Spring 2003*
6 Last Day to Withdraw (WP/WF)

- 15 Deadline to Apply for Spring 2002 Graduation
- 21-23 Thanksgiving Recess
- 25 **Classes Resume**
- 27 Deadline to Remove Incomplete Grades
(Spring & Summer 2001)
Deadline for Credit by Examination

DECEMBER

- 5 Last Day of Class
- 6 *Last Day to Withdraw Officially from the
College*
Reading Day
- 7 Last Day of (Saturday Classes)
- 9-14 Final Examinations
- 13 Last day for Clearance for December 2002
Graduation
- 14 Residence Halls Close at 12:00 p.m.
- 17 Final Grades Due

Dec. 21 - Jan. 3, 2003 *Campus Closed for Christmas Holidays*

xi

SPRING SEMESTER, 2003

JANUARY

- 4 Residence Halls Open - NEW STUDENTS ONLY
- 6 Faculty and Staff Spring Conference
- 7 Orientation, Testing, Registration - NEW
STUDENTS ONLY
- 8 New Student Registration - MAIN CAMPUS
Residence Halls Open - RETURNING STUDENTS
- 9 OPEN REGISTRATION- MAIN CAMPUS
- 10 OPEN REGISTRATION- MAIN CAMPUS
- 11 OPEN REGISTRATION- MAIN CAMPUS
- 13 **CLASSES BEGIN**
Late Registration Begins
Add/Drop Period Begins
- 17 LATE REGISTRATION ENDS
Deadline to Register for CLAST (\$35)
- 20 Martin Luther King, Jr. Holiday (NO CLASSES)
- 21 Classes Resume

FEBRUARY

15 CLAST Administered

MARCH

10-15 *Mid-Term Examinations (Exam Permits
required - See Student Accounts)*

18 Midterm Grades Due - 12:00 Noon

24-29 Spring Break

March 31 - May 2

*Pre-Registration for Summer & Fall 2003
Begins*

APRIL

4 Last Day to Withdraw (WP/WF)

14 Deadline for Credit by Examination

17-23 Senior Examinations

18 Deadline to Remove Incomplete Grades for Fall, 2002

25 Senior Grades Due by 12:00 Noon

xii

MAY

2 *Last Day to Pre-Register for Summer & Fall 2003*

Last Day to Withdraw Officially from the College

Last Day to Apply for Summer 2003 Graduation

Last Day for Clearance for May 2003 Graduation

Last Day of Classes

Deadline to Register for CLAST (\$35)

3 Commencement

5-10 ***Final Examinations***

10 Residence Halls Close

13 All Other Grades Due

SUMMER SESSION, 2003

MAY

25 *Residence Halls Open*

26 Memorial Day (NO CLASSES)

27 Registration

28 **Classes Begin**

Late Registration - \$50 fee

30 Add/Drop Begins
Add/Drop Period Ends

JUNE

23-28 Mid -Term Examinations
30 *Pre-Registration for Fall 2003 Resumes*

JULY

23 *Pre-Registration for Fall 2003 Ends*
4 Independence Day (NO CLASSES)
7 Classes Resume
22 Last Day of Classes
Final Examinations
24 Grades Due
26 Summer Commencement
27 Residence Halls Close

GENERAL INFORMATION

Institutional Statement of Purpose
Accreditation
The College Campus
Campus Directory
Development and College Relations
Student Affairs
Admissions
Financial Aid
Financial Information
Tuition and Fees

INSTITUTIONAL STATEMENT OF PURPOSE

Florida Memorial College, a historically Black College related to Baptist Churches and traditions, is one of the oldest academic centers in Florida. The private, coeducational, baccalaureate degree-granting college has its origins in the Florida Baptist Institute, founded in 1879 in Live Oak (Florida), and in the Florida Baptist Academy, founded in 1892 in Jacksonville (Florida). These two institutions merged in 1941 to form the Florida Normal and Industrial Memorial Institute in St. Augustine, Florida. The institution became a four-year college in 1945. Following several name changes, the present name, Florida Memorial College was adopted in 1963. The institution moved to its present South Florida location in Miami, Florida in 1968.

Florida Memorial College serves a culturally diverse student population through programs in liberal and technical education. These programs are designed to prepare students to function effectively in a highly competitive technological global society. Challenging educational opportunities are offered through the academic divisions in a variety of instructional formats to traditional and non-traditional students. Internships and other experiential learning programs are incorporated in the learning environment. Academic programs are supported by library services, academic advising, testing, developmental education, support services, career planning, placement, counseling, and student activities.

The college is committed to excellence, and to this end, appropriate resources are provided and curricula and programs are planned, developed and assessed to provide instruction to students at their level of achievement. This will enable students to acquire the knowledge and skills necessary for successful completion of a progression of academic standards.

Florida Memorial College is dedicated to the pursuit of knowledge and truth, the free exchange of ideas, and the transmission and preservation of African-American history and heritage. The College recognizes that education contributes to the quality of life and expects that students will leave its community of scholars and traditions prepared to participate fully in society.

The definitive mission of Florida Memorial College is to inculcate in students

the importance of life-long learning, character and a commitment to leadership through service in the enhancement of their lives and the lives of others.

Accreditation

Florida Memorial College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award the Bachelor of Arts and Bachelor of Science degrees. The College is also chartered by the State of Florida.

2

Florida Memorial College, through its Division of Business Administration is accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees:

- The Bachelor Science in Accounting
- The Bachelor of Science in Business Administration
- The Bachelor of Science in Marketing

Memberships and Affiliations

Florida Memorial College is a member of the following:

American Association for Higher Education
Association of Collegiate Business Schools and Programs (ACBSP)
American Council on Education
Council for Higher Education Accreditation
Council of Independent Colleges
Florida Association of Colleges and Universities
Florida Association of Colleges for Teacher Education
Florida Association for Students Financial Aid Administrators

Florida Cooperative Education and Placement Association
Florida Independent College Fund
Greater Miami Chamber of Commerce
Independent Colleges and Universities of Florida
Miami-Dade Chamber of Commerce
National Association of College Deans, Registrars, and Admission Officers
National Association for Students Financial Aid Administrators
National Athletic Intercollegiate Association
National Council of Educational Opportunity Associations
National Intramural/Recreation Sports Association
National Society of Fundraising Executives
Public Relations Society of America
Southeastern Association of Colleges and Employers
Southeast Florida Library Information Network
Southeastern Testing Association
Southern Association of College Student Affairs
Southern Association of Educational Opportunity Personnel Programs
Southern Association for Students Financial Aid Administrators
Southern Regional Honors Council
Sun Coast Conference
The College Fund/UNCF
United Way

The College Campus

The campus, surrounding a quiet lake, is situated on a spacious 77-acre site just north of the Opa Locka Airport. The Palmetto Expressway (SR 826) is close by, offering easy access to I-95, I-75, and the Florida Turnpike. The campus complex is comprised of a cluster of modern air-conditioned buildings which is not more than a three-minute walk from the farthest point on campus.

Royal W. Puryear Administration Building

This facility houses the office of the President and boardroom; the offices of the Vice-President for Business and Fiscal Affairs; the Vice-President of Development and College Relations; the Special Assistant to the President and the central telephone switchboard.

Sarah A. Blocker Hall

This two-story building houses the faculty of the General College Division, classrooms, and the offices of various support services. A Computer-Assisted-Instruction Laboratory, the Duplicating Center and word processing room, a Reading Center, and Testing Center are located in this facility.

Matthew W. Gilbert Auditorium

4

This facility seats approximately 400 persons and is used for dramatic and musical productions, lectures and assemblies.

M. Athalie Range Science Hall

This two-story building is home of the division areas of Natural Sciences and Mathematics. Laboratories for the biology, chemistry, and physics programs are major features of this building. Space is also provided for an electronic classroom, as well as faculty offices with adjoining laboratories to accommodate research projects and scientific experiments.

Nathan W. Collier Library

The library is an attractive two-story structure located at the heart of the Campus. Encompassing 25,000 square feet of floor space with a reading room on each level, the library has a seating capacity of over 500. A collection of over 110,000 volumes, an audio visual center, and a periodicals collection of over 753 subscriptions to journals and newspapers in support of academic programs are located in this building. The library also maintains a collection of books by and about Black people, the

institutional archives, and small museum. On-line access is available through OPAC (On-line Public Access Catalog). The library utilizes the GALAXY Integrated Library System. The library also offers access to the INTERNET. The library is an associate member of the Southeast Florida Library Information Network (SEFLIN). Through this Consortium students, faculty members, and professional staff have library privileges with member institutions. Additionally, the Consortium affords inter-library loans access.

James Weldon and Rosamond Johnson Fine Arts Building

This facility houses the Division of Humanities, classrooms, practice rooms for piano, organ and other instruments, rehearsal rooms for band and choir, an art studio, an amphitheater for open-air concerts, offices for faculty and the college mailing center.

A. Chester Robinson Athletic Center

The College Gymnasium has a floor space of 120 X 90 feet for basketball, volleyball, indoor tennis and other indoor sports. Adjoining the gymnasium is an L-shaped 80 X 53 X 77-foot swimming pool for instruction and recreation. Offices for Physical Education faculty are housed in the facility.

J.T. Brown and A. B. Coleman, Sr. Residence Halls

These residence halls for men contain individual rooms, recreation and study lounges, laundry rooms, storage rooms, and space for the residence hall directors.

Willie C. Robinson and Ray Goode Residence Halls

These residence halls for women contain individual rooms, recreation and study lounges, laundry rooms, storage rooms, and space for the residence hall directors.

G.W. Coleman and K.S. Westfall Physical Plant

This facility houses the general maintenance department and 3,300 sq. ft. air conditioning system of the college.

J. C. Sams Activity Center

The J.C. Sams Activity Center is situated attractively on the shores of the campus lake. It contains the bookstore; student, faculty, and executive dining rooms; game and entertainment rooms; the Sub Shop; meeting and conference rooms; space for social and cultural activities; and an adjoining lakeside patio.

Susie C. Holley Religious Center

The Susie C. Holley Religious Center houses a chapel with seating for 600. The building also includes classroom space for the study of Religion and Philosophy, and offices of the College Minister and other Religion and Philosophy faculty.

William Lehman Aviation Center

This facility, named in honor of Congressman William Lehman, is a three-story, state-of-the-art complex. It contains modern spacious classrooms and laboratories. Simulation trainers for the Airway Sciences; a board room, a 200-seat auditorium with satellite downlink; electronic classroom; Offices of the Executive Vice President and Provost, Vice President of Information Management and Technology, Grants and Sponsored Research, Institutional Research, and Self-Study Center; Divisions of Airway Computer Sciences, Business Administration, Education, Extension and Continuing Education and Social Sciences, faculty offices, and an aviation education resource center are also a part of this complex.

Andrew Anderson and Donald Bacon Service Center

This facility one-story complex houses the offices purchasing, facilities management and administrative services.

Student Services Building

This one-story complex houses the offices of the Vice President of Student Affairs; Enrollment Management, Admissions, Financial Aid, Residential Life, Student Support Services, the College Registrar, and Career Planning and Placement; Student Accounts, and the Office of the Bursar.

Off-Campus Sites

Florida Memorial College serves the needs of citizens of the greater Miami area through four off-campus sites. Students may matriculate in selected general education and upper division courses in Accounting, Business Administration, Criminal Justice, Education, Interdisciplinary Studies, Sociology and Psychology.

Campus Directory

Campus Address	15800 NW 42 nd Ave. Miami, FL 33054
Campus Number:	(305) 626-3600
Campus Fax:	(305) 626-3769
Academic Advisement	(305) 626-3666
Academic Standing, Probation, Suspension and Readmission	(305) 626-3756
Academic Affairs Office	(305) 623-4223
Academic Divisions	
<i>Airway & Computer Sciences</i>	(305) 623-1440
<i>Business Administration</i>	(305) 623-4288
<i>Education</i>	(305) 623-4279
<i>Extension & Continuing Education</i>	(305) 626-3679
<i>General College Division</i>	(305) 626-3662
<i>Humanities</i>	(305) 626-3683
<i>Natural Sciences and Mathematics</i>	(305) 626-3699

<i>Social Sciences</i>	(305) 623-1408
Admissions	(305) 626-3750
e-mail address: admit@fmc.edu	
Alumni Affairs	(305) 626-3657
Athletic Department	(305) 626-3166
Bookstore	(305) 626-3726
Career Placement Office	(305) 626-3782
Counseling Office	(305) 626-3138
Development and College Relations	(305) 626-3608
Financial Aid	(305) 626-3742
Fiscal Affairs	(305) 626-3623
<i>College Bursar</i>	(305) 626-3739
Freshmen Year Experience Program	(305) 626-3661
Health Clinic	(305) 626-3760
Housing	(305) 626-3718
International Students	(305) 626-3750
Library	(305) 626-3641
Public Relations	(305) 626-3624
Registrar	(305) 626-3752
<i>Transcripts</i>	(305) 626-3754
Security	(305) 626-3771
Student Activities	(305) 626-3715
Student Affairs	(305) 626-3710
Student Support Services	(305) 626-3723
Testing	(305) 626-3776
Veterans Affairs	(305) 626-3756

Development and College Relations

The Office of Development and College Relations is responsible for the operation of all College programs pertaining to external relations and institutional advancement. Office activities are centered in the following five departments:

Development

The Office of Development provides resources and staff support to identify, evaluate, cultivate, and implement programs to advance the College's development goals through contributions from public and private sources.

Development programs include the annual fund drive, capital campaign, endowments, planned giving, corporate partnerships, and other special fund-raising projects.

Public Affairs

The overall goals of the Office of Public Affairs are to enhance the image of Florida Memorial College and to project the institution as one committed to excellence in education and in service to the community. The Office maintains open communication with the media and looks for and develops opportunities for favorable news coverage. The director assists with the planning of various campus events and serves as the official spokesperson for the College. In addition, the director assists with the publication of brochures, newsletters, reports, and other such documents to be distributed to the public.

Governmental Affairs

The Governmental Affairs Office is responsible for planning and coordinating College activities associated with governmental relations and legislative affairs at the state and federal levels. This office serves as the College

liaison for state, local, and community agencies in governmental relations and civic matters.

Church Relations

The Office of Church Relations seeks to strengthen the bond between the College and the external church community. Special events such as Donation Day, the Baptist Youth Camp, the Convention House Party, and other meetings and seminars are coordinated by the Office.

The director acts as a liaison between the religious community (conventions, associations, and individual churches) and the College administration and represents the College, when necessary, at denominational functions.

Alumni Affairs

10

The Office of Alumni Affairs is responsible for developing programs designed to increase the number of active alumni. The office works to coordinate events that keep alumni abreast of institutional progress and goals and that increase alumni contribution through various fund-raising events.

The Office of Alumni Affairs in collaboration with the National Alumni Association organizes chapters and provides technical assistance when necessary. It enlists alumni in recruiting students. Newsworthy information is disseminated through the college newsletter and other bulletins.

Student Affairs

Students who enroll in Florida Memorial College, as well as their parents or guardians, are expected to accept the educational philosophy and goals of the institution. Both parties also agree to accept conditions defined in this *Catalog* and in the *Student Handbook*.

College Standards

When students enroll at Florida Memorial College, they subscribe to the standards of personal conduct which the College considers fundamental to group living. It is assumed they will take advantage of the opportunities to learn how to make prudent decisions regarding their own conduct.

Students assume total responsibility for their actions as they relate to the rules, regulations, and policies of the College, and maintain high standards of courtesy, integrity, and personal attire.

II

The College does not permit the use or possession of illegal drugs, alcoholic beverages, or firearms of any kind on the campus, at any College-sponsored activity, or when representing the College.

The College reserves the right to notify civil authorities whenever a student is guilty of or charged with a violation of civil law.

The College reserves the right to suspend or dismiss students when such action seems indicated in the best interest of the College or the overall student body.

Counseling Services

The counseling services help to implement the day-to-day purposes of College life through non-academic functions. The counseling services begin when a student registers as a freshman at the College. In addition to continuing advisement, counseling occurs at three levels: academic, vocational, and personal.

Counseling is an integral part of the guidance program. One form of

counseling is academic advisement. Faculty advisors assist each student in designing a program of study commensurate with the student's needs, interests, and abilities.

Special counseling is also available upon request to help the individual resolve typical problems involving choice of vocation, major, study habits, and personal and social adjustment. At the request of a student, these individuals will also refer them to outside agencies.

Cultural Activities

To enrich the cultural development of its students, Florida Memorial College offers a comprehensive program of cultural events. These include lectures, displays, exhibits, dances, music, plays, and movies. Some events are free to all students upon presentation of identification card while others are offered for a nominal fee.

Student Activities

The College provides a well-rounded program of student activities for the total development of its students. This program is administered by the Director of Student Activities. A concerted effort is made to include a broad range of activities to meet the varied needs, interests, and abilities of the student body. The program of activities allows each student to develop leadership ability, meet new friends, and have relevant experiences.

The staff in Student Development works closely with personnel in all College programs and activities so that students may be aware of developmental resources available to them on campus.

Religious Activities

Students may participate in the Christian Student Union, sponsored by the Campus Minister. Weekday and Sunday worship services are held during the school year in the Susie C. Holley Religious Center.

Freshmen and New/Transfer Student Orientation

A collaborative effort between the Offices of Student and Academic Affairs is designed to help entering freshmen and new/transfer students become adjusted and make a successful transition to college life at Florida Memorial College. During the orientation period, students attend a series of workshops, seminars, and social activities where they are presented information about the College's history, support centers, services, facilities, testing and placement. The students are also presented with college policies and regulations, introductions to College personnel in both formal and informal settings and are assigned an academic advisor, who assists them throughout the year. Registration is also an integral component of the orientation program. The objective of the orientation period is to provide students with information that will help them cope with the independence and responsibility of becoming a college student.

Health Services

13

A health services program covering the treatment of minor illnesses is provided for full-time students. These services are housed in the Student Health Clinic and are maintained on an outpatient basis. Further information concerning this resource is found in the Student Handbook.

Counseling Center

The counseling center provides comprehensive mental health services to students, faculty, and staff. Specifically, outpatient individual and group psychotherapy, as well as informative workshops on various clinical topics. The center has a referral relationship with a psychiatrist for in-patient and psychotropic medication services when necessary. In addition, the Center provides 24-hour on call crisis intervention services as well as a variety of helpful programs such as Alcohol IOI (substance abuse); the Evaluation, Referral and Tracking program (retention); and the Partnering for Success Program (referral and feedback).

The Counseling Center's services are provided by a licensed psychologist and other professionally qualified staff. All records and sessions of the Counseling Center are confidential.

Anti-Hazing Policy

Hazing of students will not be a part of any initiation practices, whether for new students, social clubs, or Greek-letter organizations. Hazing done in the name of an organization can result in the organization's loss of privileges, including suspension of its operating privileges on campus. Hazing done by a student as an independent act can result in the student's dismissal from the College. Violation of this regulation must be reported to the Vice President for Student Affairs. All cases involving hazing will be referred to the Judicial Affairs Committee.

Hazing occurs when in the course of initiation into or in becoming affiliated with an organization an individual is subjected to intentional or reckless conduct which creates a substantial risk of physical injury or in fact causes physical injury.

Financial Aid

Financial Aid is granted to students at Florida Memorial College primarily based on need. The student's need is determined following the completion of the Free Application for Federal Student Aid (FAFSA). The FAFSA is available from high school counselors or the College's Financial Aid Office. It is recommended that the student's or parents' tax return be used when completing the FAFSA.

All eligible students are required to apply for various federal and state programs by completing the FAFSA no later than March 13 for priority consideration. Each student must also complete an institutional application to provide the Office of Financial Aid with additional data required to start his/her financial aid file.

Campus-Based Aid

College Work Study Program (CWSP) and Supplementary Education Opportunity Grants (SEOG) are distributed by the Financial Aid Office according to students' needs. Preference is given to eligible students with exceptional financial need. Depending upon government funding levels, funds are distributed to assist students in meeting direct costs (room, board, tuition and fees for resident students, tuition and fees for off-campus residents). Indirect costs (transportation, living expenses, books) are usually the responsibility of students.

Students are responsible for processing the appropriate forms for grants, loans, and scholarships with the assistance of the Financial Aid Office. Students should refer to the Florida Memorial College Consumer Bulletin for Financial Aid for detailed instructions on applying for financial aid.

Scholarships

15

Scholarships at Florida Memorial College are awarded to assist students in meeting their financial obligations at the College. Students may receive scholarships based on major, classification, geographical location, academic achievement, and other qualifications that may be stipulated by donors. Scholarships are categorized as Restricted, Unrestricted, and Flexible Programs. Information on the various scholarships awarded at the College can be obtained from the Office of Financial Aid and the Director of Enrollment Management.

Admissions

The primary factor used to determine a student's readiness for college is his/her high school preparation. The student's maturity, community service, leadership skills, motivation and determination are key indicators.

- A. Freshmen
 - I. High School Graduation

Graduation from an accredited high school or the equivalent (GED) is required

2. **Grade Point Average**
A minimum high school cumulative grade point average of 2.2 is required. Students who have a high school cumulative grade point average which places them in the top twenty percent of their graduating class, and who complete the high school course distribution requirements as specified below, shall be given automatic admission to Florida Memorial College.
3. **Admission Test Scores**
Applicants should submit SAT-I or ACT scores. Test scores are also used for advisement and placement purposes for first-time-in-college applicants
4. **High School Course Distribution Requirements for Florida Residents**

A student's high school preparation should include units in the following core areas:

English	4 units	<i>(3 with substantial writing)</i>
Mathematics	3 units	<i>(Algebra I and above)</i>
Natural Science	3 units	<i>(2 with lab)</i>
Social Science	3 units	
Foreign Language	2 units	<i>(in the same language)</i>
Approved Electives	4 units	

5. **Other Admissions Requirements**
The student must also submit the following to be considered for admission:
 - at least one letter of recommendation
 - a personal statement

B. Transfer Students

Students transferring to Florida Memorial College from another college or university are admitted on the basis of credits and grade point earned in course work at the collegiate level.

1. **Grade Point Average**
Transfer students must have earned a minimum cumulative grade point average of 2.0 in collegiate course work.

2. **Transfer students from Community Colleges**
Transfer applicants who possess the Associate of Arts (AA) degree from regionally accredited community or junior colleges will be accepted as juniors, with the understanding that some pre-requisite work may be required to fulfill degree requirements in their major at Florida Memorial College. Course work for students who enroll without the AA degree will be evaluated on a course-by-course basis.

3. **Transfer Credits**
Only courses passed with a grade equivalence of "C" or better, which represent collegiate-level course work, and are equivalent to courses offered at Florida Memorial College will be accepted. Transfer credits are evaluated after receipt of official transcripts. A maximum of ninety-four (94) credits are transferable from another institution. Additionally, a transfer student must complete a minimum of thirty-four (34) semester hours of course work residence to receive a degree from Florida Memorial College.

C. International Applicants

International students are admitted on the basis of high school work. International students must meet the requirements of the College as stated in the previous section and comply with the following:

1. **High School Graduation**
An international applicant must have graduated from a high or secondary school. An official transcript and/or original diploma is required.

2. **High School Work**
International students who studied in the British educational system must have passed a minimum of five

(5) subjects at the ordinary level in the General Certificate Examination or its equivalent, including English and mathematics.

3. Language Requirement
Proficiency in English must be established, if the student's native language is not English, by a satisfactory TOEFL score.
4. Standardized Test Scores
International students should submit scores from either the Scholastic Aptitude Test (SAT) or American College Test (ACT).

D. Advanced Placement

Florida Memorial College is an approved participant in the College Board's Advanced Placement Program. Students whose Advanced Placement scores meet the criteria as set forth in each academic area will receive college credit for courses covering similar material.

E. International Baccalaureate

Florida Memorial College recognizes and gives college credit to students who successfully complete the International Baccalaureate examinations with grades of 4 or higher. An official IB transcript is required and must be sent directly from the International Baccalaureate Office.

F. Early Admission

Florida Memorial College grants early admission to exceptional high school students who meet the following criteria:

1. Earned a minimum high school grade point average of 3.0
2. Scored 1000 or more on the SAT or 21 or more on the ACT.
3. Received three letters of recommendation from high school officials (principal, counselor, teacher).

Conditional Admission

Admission consideration may be given to students who do not meet the admission standards as stated above. Such students may be admitted conditionally, and shall meet specified academic and admissions requirements.

Re-Admission to the College

Students whose enrollment at Florida Memorial College is interrupted for more than one semester are required to submit an application for re-admission. The application must be sent to the Office of Admissions. Students placed on academic suspension must sit out one semester (fall or spring) before eligibility for re-admission is restored.

Students in good academic standing who voluntarily withdraw from the College for one or more academic years are required to apply for re-admission. Students must satisfy the degree requirements for graduation stated in the college catalog for the academic year in which the student is readmitted.

Financial Information

Schedule Of Tuition, Fees and Service Charges

Tuition and Fees

<u>Fall</u>		<u>Spring</u>	
Tuition	3,566	Tuition	3,566
(12 - 15 credit hours)		(12 - 15 credit hours)	
Room	967	Room	967
Board	846	Board	846
Fees	592	Fees	592
Total per semester	5,971	Total per semester	5,971

Services Charges

Admission Application	\$ 15
CLAST	35
Course Add/Drop	10
Credit By Exam (each credit hour)	297.17
Graduation	150.00
Key/Damage Deposit (refundable)	50.00
Dorm Damages	25.00 & up
Late Registration	50.00
Pre-registration (failure to pre-register)	50.00
Parking Decal (each year)	10.00
Parking Citation	15
Replacement Diploma.....	10
Replacement I.D. Card.....	25
Mail box key deposit (refundable)	10
Mail box rental fee.....	10
Returned Check.....	25
Promissory note fee	50
Tuition Installment Plan- late payment fee *	25
TOEFL	28
Transcript, Regular US Mail.....	3
Transcript, Certified US Mail.....	6
Transcript, Next day delivery	12
Transcript, Overseas.....	18
Library Fines per day per book	\$.25
Library fines per book monthly	6
Shipping & handling charges – lost book.....	6
Tuition per credit hour.....	297.17

*NON-REFUNDABLE

The schedule of tuition, fees and service charges is reviewed and published annually. Current information on these amounts is available at the Student Accounts Office.

The College reserves the right to change without notice its tuition, fees, service charges, rules, and regulations at the beginning of any semester and during the year should conditions so warrant. This right will be exercised judiciously.

Description of Service Charges

Books, school supplies, travel expenses, medical expenses other than those provided on-campus and through the Student Health Insurance Program, and miscellaneous personal items are additional expenses which must be considered when preparing a student's budget.

Admission Application: A fee of \$15 must be sent to the College with each application for admission. This fee is non-refundable and is not credited to the student's account upon admission.

CLAST: A fee of \$35 is charged to defray the College's cost to administer the College Level Academic Skills Test (CLAST).

Course Add/Drop: A fee of \$10 is charged for each course added or dropped from a student's schedule after the close of registration.

Credit by Exam: A \$297.17 per credit hour examination fee is charged for divisional proficiency examinations for credit.

21

Graduation: A fee of \$150 is charged to graduating seniors for purchase of their cap and gown, the senior banquet and other ceremonial activities related to the Baccalaureate and Commencement exercises. All graduates must pay this charge even if they choose not to participate in the activities.

Room Reservation Fee: All new students desiring on-campus housing are required to pay a room reservation fee of \$100 (\$50 for all returning students each semester) prior to arriving on campus.

If for any reason a student decides not to attend Florida Memorial College or changes his/her mind about residing on campus, the reservation fee is non-refundable and will not be credited to the student's account.

All resident students are assigned a mailbox. The rental fee is \$10 per academic year plus a \$10 refundable deposit for the mailbox key. All keys should be returned at the end of each semester.

Key/Damage Deposit: A \$50 deposit must be paid on or before registration by every student who will live in the dormitory. This deposit is not a part of the housing fee. It will be refunded when the student leaves his/her campus dormitory, provided he/she (1) checks out properly, (2)

return their room and mail box keys and other College property, (3) is not responsible for any damages to College property, (4) do not have an account balance with the College and (5) have observed College policies concerning room cancellations and withdrawals from the dormitory. Refunds are not done automatically. An application for a refund must be submitted to the Bursar's Office.

Late Registration: A fee of \$50 is charged to any student who registers for courses after the last day scheduled for registration in the College catalog or as published by the Registrar. All currently enrolled students who do not pre-register during the pre-registration period for the next semester will be assessed a \$50 fee during regular registration.

Meals: All resident students are required to purchase a semester board (meal) plan. If your Lion's Express ID card is lost, stolen, washed, destroyed, misplaced or damaged, report this immediately to your dorm counselor and apply for a replacement at the cashier's window (cost is \$25 for a replacement).

22

Non-resident students may purchase twenty (20) meals for \$50. These twenty meals will be credited to your Lion's Express ID card and can be used for any meal in the cafeteria. You may also purchase ten (10) meals for \$25.

No one is permitted to eat in the cafeteria without his or her computerized Lion's Express ID card or cash payment. If your card is lost, damaged, stolen or invalid, you must report this to the Student Accounts Office. Food Service is not responsible for the issuance of ID cards.

Parking Decal: A fee of \$10 per year is charged for a parking decal which registers a vehicle for use of campus roadways and parking facilities. An additional fee of \$10 per year is required for the purchase of a replacement decal or second-car decal. A valid ID, driver's license, car registration and insurance information are required.

Replacement Diploma: A fee of \$10 is charged to replace a diploma. Requests must be made through the Registrar's Office.

Replacement I.D. Card: A fee of \$25 is charged to replace a lost or stolen College "Lion's Express" identification card.

Returned check: Students with approved College check cashing cards

may cash one personal check per week for an amount not to exceed \$25 at the Cashier's window during normal business hours. A fee of \$0.25 will be charged for each check cashed. Pursuant to Florida law, any check issued to the College for which sufficient funds are not available to ensure payment upon presentation is subject to a returned check fee of \$25. If two checks are returned because of insufficient funds, check cashing privileges will be revoked and disciplinary action taken.

Room and Board: Students who reside on campus must pay the full Room and Board fee. Room and board fees provide for the use of dormitory space during the period stated in the College calendar.

Promissory Note fee: A processing fee of \$50 is charged to defray the cost of providing a deferred payment plan for students who, for financial reasons, are unable to pay the full amount of their bill at the time of registration.

TOEFL: A fee of \$28 is charged to defray the College's cost to administer the institutional Test Of English as a Foreign Language.

Transcript Fee: A fee of \$3 is charged for each requested copy of a transcript. Transcripts will be sent by regular US mail. If requested, transcripts may be sent by Certified US mail for a fee of \$6, by next day delivery for cost of standard mail fee.

Payment of Tuition and Fees

1. All tuition and fees are due and payable at the time of registration.
2. Students who receive financial aid must pay the difference between their financial aid awards and their total charges for the semester before being permitted to attend classes for a given semester.
3. Financial Aid classified as "pending or "applied for" will not be accepted towards meeting the requirements for registration unless a positive evaluation is given by the Director of Financial Aid or his/her designee.
4. Students may choose to pay charges owed for an upcoming semester through a College-approved 10-month installment plan. All inquiries and applications should be made directly to: **Smart**

Tuition Management Services, Tuition Installment Plan (TIP), or call toll free 1-877-847-3371. Notification of awards and scholarships from outside sources used to pay a student's account must be sent directly to the Student Accounts Office from the Sponsor. The notice must either accompany the payment or state the manner in which the sponsor is to be billed.

How to Make Payment: The College accepts cash, certified checks, money orders, VISA and MASTERCARD in payment of College expenses. Payments may be made in person at the Cashier window during posted business hours or by mail. Mail should be addressed to:

Bursar
Florida Memorial College
15800 NW 42 Avenue
Miami, Florida 33054

24

When payment is made in cash, the payor must receive a receipt and retain that receipt for future reference as evidence of the cash payment. Please do not send cash in the mail. Do not pay cash to any person other than the College's Cashier and ask for a receipt at the time of payment if one is not given. Personal checks are not accepted.

Deferred Payment Plan

Should parents or students desire to defer payment of a portion of the basic charges for tuition, fees, room and board, arrangements should be made directly with the Student Accounts Office. A deferment processing fee of \$50 per plan will be charged for this privilege.

Each student must satisfy all financial obligations to the College in accordance with the Deferred Payment Plan in order to (1) retain campus housing, (2) take midterm and final examinations, and (3) continue matriculation in the following semester.

Exam Permit

Students are required to present examination permits or clearance prior to taking mid-term and final examinations. Exam permits/clearance are picked up at the Office of the Bursar.

Special Stipulations

A student is not considered registered until he/she has been cleared financially and his/her registration form has been stamped and signed by the Student Accounts Office. The release of transcripts or diplomas is prohibited if any unpaid balances are owed to the College.

Students are expected to meet their payment obligations promptly and without notice from the Student Accounts Office. It is the student's personal responsibility to inform his/her parents, guardians and sponsors of all financial obligations to the College and the due dates for payment. Students must also follow up with the Student Accounts Office on a regular basis to ensure that payments are received and credited to their accounts.

REFUND OR ADJUSTMENT OF TUITION, FEES, AND OTHER CHARGES

25

Tuition refunds are based on the total tuition charges and not on the amount paid. Board charges are refundable on a prorated basis to students who have properly withdrawn.

Financial Aid programs which provide awards to students will be refunded in accordance to the formula required by local, state, or federal law. Balances due as a result of the refund are the responsibility of a student who withdraws.

Fees paid for application, processing charges, mailbox rental, room charges, etc. are not refundable. No portion of a scholarship from Florida Memorial College is refundable.

A student may withdraw or cancel classes from Florida Memorial College within three (3) working days, pursuant to S.246.D.41 (1) (n) 3.e of the Florida statutes and receive a full refund with the exception of non-refundable charges. All refunds shall be made within thirty (30) days of the date that the College determines that the student has withdrawn. Tuition and general fees shall be refunded in full, **less an administrative fee not to exceed 5% of the term's tuition, if notice of withdrawal from the**

college is received prior to the end of the first calendar week of classes, and if written documentation is received from the student.

(1) courses canceled by the college; (2) involuntary call to active military duty; (3) documented death of the student; (4) exceptional circumstances, with the approval of the President of the College or his designee. Once courses are selected, the student must withdraw from the College and execute the required official forms. The student will receive tuition and general fees refunds, less an administrative fee not to exceed 5% of the term's tuition at the following rates:

Refund Schedule

Tuition and general fees
Each Fall and Spring Semester

If withdrawal from the College is made: Amount Refunded

Before the end of the 5 th day of classes	100%*
Between the 6 th - 10 th day of classes	80%*
Between the 11 th - 15 th day of classes	60%*
Between 16 th - 20 th day of classes	40%*

26

No refunds will be made after the 20th day of classes

Summer Session

1 st - 5 th day of classes	100%*
No refund will be made after the 5 th day of summer classes	

*Less administrative cost

Fees and room charges are not refundable. Board is prorated based on term attendance. If a credit balance exists from overpayment or at the time of withdrawal, a refund for the balance will be processed within 30 days of the date that the College determines the student has withdrawn. Refund checks are distributed at the Bursar's Office.

Division of Information Management and Technology

The Division of Information Management and Technology is responsible for the management and support of all technology related operations at the College. Under the direction of the Vice President for Information Management and Technology, division activities are centered in the following three departments:

Academic Computing

The Department of Academic Computing is responsible for the support of student and faculty computing requirements. The department provides the following services:

27

Student Computing Labs

Florida Memorial College offers both curriculum specific and general access student computing labs. Foreign language, graphics, computer science, mathematics, and science labs are conveniently located in various classroom buildings. Facilities include up-to-date academic software and personal computers, Internet access and print capabilities. In addition, several smart classrooms provide faculty and students with additional capabilities for in-class instructional support and access to the World Wide Web for related course materials. Specific student support labs are also maintained for writing improvement, universal learning skills and the Academic Resource Center (ARC).

Four general purpose computing labs provide students with individual support for course assignments and access to the World Wide Web. In addition to regular classroom hours, these labs are available to students in the evenings and on weekends. Fully equipped computing labs are also available to resident students 24 hours a day in each dormitory.

At Florida Memorial College all students are provided with an individual e-mail account for their personal use while enrolled.

WebCT

In addition to classroom instruction, Florida Memorial College makes use of WebCT, an Internet-based instructional course program. WebCT provides curriculum syllabus, instructor notes and examination preparation for web-based courses.

Web Development

Information about Florida Memorial College can be viewed over the World Wide Web at www.fmc.edu. The web site, as well as the campus Intranet, is maintained by the Academic Computing Department. The department offers web design services to all academic and administrative offices.

Administrative Computing

28

The Department of Administrative Computing is responsible for maintaining the student administration and financial software applications in use at the College.

This includes support for the Admissions, Financial Aid, Registration and Academic Records, Telephone Registration, Student Billing, Financial Accounting, Human Resources and the Development and Alumni Affairs operations. In addition, all FMC related hardware and application software purchases are processed through the department.

Currently, FMC has standardized on the Microsoft Windows and Office 2000 products.

The FMC Helpdesk is managed through Administrative Computing as well as the technicians responsible for repair of personal computers and printers.

Network Services

Florida Memorial College recently completed installation of a redundant, multi-mode fiber network that supports more than 500 terminals and personal computers throughout the main campus. This technology permits

Internet access anywhere on the campus.

The department also supports the Cbord Card Access system for production of student and staff identification cards, access to residence hall dining facilities and support for a variety of student services.



Academic Information

Academic Regulations, Procedures and Standards ..
Degree Programs
Academic Policies
Grading System
Registration
Academic Honor Code
Veteran Affairs
Career Planning and Placement
Grants and Sponsored Research
Institutional Research
Self-Study Office
Testing Center Services
General Education/Core Curriculum
Honors Program



Academic Information

Academic Affairs at Florida Memorial College, administered by the Office of the Executive Vice President and Provost, consists of the following academic divisions and support units:

- Division of Airway and Computer Sciences
- Division of Business Administration
- Division of Education
- Division of Extension and Continuing Education
- Division of Humanities
- General College Division
- Division of Natural Sciences and Mathematics
- Division of Social Sciences
- Academic Resource Center
- Center for Urban Environmental Studies
- Career Planning, Placement, and Cooperative Education
- Grants and Sponsored Research
- Honors Program
- Institutional Research
- Institutional Self-Study Center
- Library
- Office of the College Registrar
- Study Abroad Program
- Testing Center

The General College Division does not offer degrees. Other divisions offer majors in subject areas leading to the Bachelor of Arts and Bachelor of Science degrees.

Academic programs are designed to broaden the intellectual experiences and abilities of students and, at the same time, recognize and provide for intellectual diversity as individual interests and goals are satisfied.

Academic Regulations, Procedures, and Standards

The academic year consists of two semesters, fall and spring, of approximately fifteen weeks each. Also, the College offers a summer session.

Students are allowed to enroll up to the first week of classes.

Students enrolled in twelve to eighteen credit hours per semester are classified as full-time. Students wishing to take more than eighteen credit hours must obtain approval prior to registering from the Division Chairperson and the Executive Vice President and Provost.

A reduced credit load is a minimum of twelve semester credit hours.

Reduced loads are assigned to students in special educational development programs, when on academic probation, or when it is determined that work activities interfere with the student's academic progress. Students are limited to a maximum load of twelve credit hours during Summer Sessions.

Part-time students are those who enroll in fewer than twelve semester credits.

Degree Programs

Thoughtful consideration must be given to the selection of a major. It is not necessary to declare a major during the freshman year. Careful selection of courses in the general interest area is recommended. Requirements for a major are set by each division. By the end of the sophomore year, students must officially declare a major. Transfer students with an associate degree from a Florida community college must declare a major upon entering the College. When declaring a major, students must submit a formal application to the respective division chairperson. At this time, a faculty advisor will be assigned. Majors offered at Florida Memorial College are:

31

Division of Airway and Computer Sciences

- Airway Science Management
- Airway Computer Science
- Flight Management (Flight Education)
- Computer Science
- Management Information Systems

Division of Business Administration

- Accounting
- Business Administration
- Hospitality Management
(Dual Program with Florida International University)
- Marketing

Division of Education

Elementary Education

Exceptional Student Education

Middle Grades

General Science (5-9)

English (5-9)

Mathematics (5-9)

Music Education

Physical Education

Secondary Education

Science (6-12)

English (6-12)

Mathematics (6-12)

with Certification available in the following area:

Biology

Division of Extension and Continuing Education

Interdisciplinary Studies

(For non-traditional students only)

32

Division of Humanities

Communications (concentration in Public Relations)

English

Music

(with concentrations in Church, Jazz and Popular)

Religion and Philosophy

Division of Natural Sciences and Mathematics

Biology

Chemistry

Dual Degree Engineering

Environmental Studies

Mathematics

Medical Technology

Division of Social Sciences

Criminal Justice

Criminal Justice: (concentration in Criminology)

Criminal Justice: (concentration in Pre-Law)

International Studies

Political Science/Public Administration

Psychology
Sociology

A major consists of a minimum of 62 hours in an area; a minor consists of a minimum of 18 hours. Minors are available in most areas where a major is offered, in addition to African-American Studies, economics, finance, history, and social work. Upon selection of a major, students are required to file a proposed program of courses with the division advisor and with the chairperson's approval. To change a major, students must:

1. obtain a Change-of-Major form from the Office of the Registrar;
2. obtain the signature of the appropriate division chairpersons (previous and new); and
3. return the form to the Office of the Registrar.

The change of major becomes effective on the date the change of major form is filed in the Office of the Registrar.

Credit by Examination

The purpose for credit by examination is to validate credits earned at other institutions or to exempt students from courses in which they have had related professional experience(s). Students who satisfy either one of the aforementioned criteria may earn a maximum of 15 credits using this method. Credit by examination may not be used to correct registration errors. It cannot be used to satisfy course work for which the student has received a grade from Florida Memorial College.

To apply for credit by examination, students must obtain an application from the Office of the Registrar and have the application approved by the Division Chairperson and Executive Vice President and Provost prior to paying the examination fee.

The chairperson and a committee of faculty will review the data submitted, interview the student, and determine if that student may take the examination. Examinations are prepared or selected by the divisional faculty. Examinations will include a comprehensive coverage of course materials. Students may be required to complete written assignments as well as standardized short-answer and/or essay questions. Students may not apply

for Credit by Examination during their expected term of graduation.

A letter grade of "P" will be assigned upon successful completion of the examination. If unsuccessful, the grade of "F" will be assigned.

Credits earned by credit by examination cannot be used to satisfy residency requirements, nor are these credits included in the calculation of the grade point average. Students who qualify for credit by examination will have only one attempt to satisfy course requirements using this method.

Academic Standing

Students are considered to be in good academic standing when the cumulative grade point average is a minimum of a 2.0. Florida Memorial College policies on academic warning, probation, and suspension are based on the possibility that students can overcome academic difficulty and make appropriate progress toward a degree.

34

Academic Warning - Students are placed on academic warning when the GPA falls below 2.0 in a semester. Students placed on academic warning are limited to a course load of not more than 15 semester hours.

Academic Probation - Students will be placed on academic probation when they fail to earn and maintain a semester GPA of at least 2.0 the first semester of attendance after the academic warning period. Students placed on academic probation will be limited to a course load of not more than 12 semester hours.

Academic Suspension - Students will be placed on academic suspension at the end of the semester of probation if they fail to earn at least a 2.0 semester GPA. Suspension from the College shall be for the subsequent academic term.

Students on suspension are encouraged to take courses at another regionally accredited institution during this period. A Transient Permit is required. Students returning from suspension must earn a minimum semester grade point average of 2.0 each semester. Students placed on academic suspension for a second time will be dismissed from the College.

Students whose enrollment at Florida Memorial College is interrupted for more than one semester are required to submit an application for re-admission. The application must be sent to the Office of Admissions. Students placed on academic suspension must remain in that status for one semester (fall or spring) before being considered for re-admission.

Students in good academic standing who voluntarily withdraw from the College for one or more academic years are required to apply for re-admission. Students must satisfy the degree requirements for graduation stated in the college catalog for the academic year in which the student is readmitted.

Transfer of Credits Policy

Florida Memorial College accepts courses earned at other institutions provided that:

1. The grade earned for these courses is a "C" or higher;
2. The courses represent collegiate coursework relevant to the degree program being pursued at the institution;
3. The course content, level of instruction and resulting competencies are equivalent to those of students enrolled at the institution;
4. Official college transcripts are submitted to the institution for evaluation prior to the transfer students' admission to the College.

35

A maximum of 94 credits may be transferred to Florida Memorial College. Furthermore, the number of credits awarded for a particular transfer course may not exceed the number of credits assigned to the equivalent course at the College.

The division chairs and the executive vice president and provost must approve all transfer credits used toward a degree.

Verification of content of transfer courses is made from college catalogues, course syllabi, and certified copies of military documents, and by following guidelines published by the American Council on Education or the American Association of Collegiate Registrars and Admissions Officers.

Articulation Agreement

Florida Memorial College cooperates fully with the community college system of Florida through an articulation agreement. Under this agreement, students who have completed an associate of arts degree (AA) from a regionally accredited community college in Florida will be admitted to Florida Memorial College as juniors, with the understanding that some prerequisite work may be required for the degree programs in which they enroll.

Students with an associate of arts degree from other regionally accredited colleges outside the state of Florida will also be admitted as juniors with the same stipulations as described above.

Transfer Credits from International Institutions

Postsecondary credits earned by international students at colleges and universities which pattern themselves after the British or other non-American education systems must be evaluated by an external transcript evaluation organization approved by Florida Memorial College.

Graduation Requirements

Advisors and faculty will advise students toward meeting requirements for graduation; students have the ultimate responsibility of fulfilling requirements for graduation. Students are responsible for filing an application for a degree in the Office of the Registrar the semester prior to graduation. Following are the basic requirements for graduation:

1. Successful completion of a minimum of 124 credit hours, including all core curriculum requirements;
2. A minimum cumulative grade point average of 2.0 or (2.5, for education and pre-hospitality management graduates)
3. Completion of a minimum of twenty-five percent (25%) of the total number of credits required in the major at Florida Memorial College.
4. Completion of a senior thesis or project for non-education majors
5. Fulfillment of all financial obligations and procedural requirements.

All requirements for graduation must be satisfied at least 24 hours after the last day of final examinations. Students who fail to complete requirements are required to file a new graduation application. (See Academic Calendar for deadlines.) Only those students who have completed all requirements for

graduation will be permitted to participate in commencement exercises.

Second Baccalaureate Degree

A second bachelor's degree may be awarded when:

1. Requirements of an appropriate academic division for a second degree have been met.
2. The student has completed a minimum of 30 credit hours at Florida Memorial College.
3. Requirements for graduation from the college have been met. A bachelor's degree has been earned from an accredited four year college or university and 30 additional credits hours of course work are completed at Florida Memorial College. All requirements of the major division must be met.

Dual Majors

37

A student who desires to have dual majors must simultaneously meet the requirements of both majors. Requirements for each major must be successfully satisfied. Transcripts will indicate the completion of dual majors; however, one degree will be awarded.

Attendance Policy

Students are expected to attend all classes for which they registered and are not authorized to attend classes for which they are not registered. Acceptable absences include: illness, serious family emergencies, special curricular requirements (e.g., college fairs, field trips, approved meetings), military obligations, and participation in official college-sponsored activities such as music performances and athletic competitions. If accompanied by a letter from the Vice President of Student Affairs, absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) will be excused. Participation in college-sponsored activities are excused if the students are in good academic standing. Students are responsible for any and all coursework and may not use college-sponsored activities as pleas for

extension of time to complete assignments or for permission to take makeup examinations or quizzes. A calculation of absences begins from the first class meeting for students whose names appear on the initial class roster. Students are permitted one unexcused absence per credit hour of day courses. Students are permitted two unexcused absences for courses offered during the weekend or evening. Students exceeding the number of unexcused absences will be in jeopardy of failing the course and may be withdrawn from the class by the instructor.

Grading System and Quality Points

Grades Quality Points

A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
D+	1.30
D	1.00
F	0.00
W	Official Withdrawal from the College
WP	Withdraw passing
FW	Withdraw failing
I	Incomplete
P	Passed
AU	Audit
NC	No credit

Students must complete reading, English, mathematics, and education and life seminar courses in the core curriculum with a minimum grade of "C." Students who are failing a general education course at mid-term must pre-register to repeat that course during the next scheduled offering.

Students may be given an "I" only if a small part of the course is missed because of unavoidable circumstances and there is a reasonable chance of obtaining a "C" or better if that part is completed. Students must complete this work within the established period of time (see Academic Calendar)

without further registration or class attendance. Failure to adhere to this policy within one semester after receiving a grade of incomplete will result in the grade of "I" converting to the grade of "F." Students who have filed for graduation may not receive an "I" during the term in which they plan to graduate. If a grade of "I" is received, the student must reapply for graduation at the next scheduled application period.

The grade point average (GPA) is determined by multiplying the credit hours attempted by the quality points earned and then dividing the total quality points earned by the total hours attempted.

Grade Reports

Within fifteen working days after the end of an academic term, students will receive a grade report showing grades for courses completed for the term. The report will also reflect the term grade point average and a cumulative grade point average. Grade reports are unofficial records.

Academic Honors

Honors at Graduation - The following honors are awarded at graduation to students who have maintained high scholarship.

<i>Cum Laude</i>	cumulative grade point average of 3.20 to 3.49.
<i>Magna Cum Laude</i>	cumulative grade point average of 3.50 to 3.79.
<i>Summa Cum Laude</i>	cumulative grade point average of 3.80 or higher.

Other Academic Honors

<i>The President's List</i>	Full-time students who have earned a semester grade point average of 4.0 (with a minimum of 12 semester hours and above)
<i>The Dean's List</i>	Full-time students who have earned a semester grade point average of 3.5 to 3.99 (with a

minimum of 12 semester hours and above)

The Honor Roll

Full-time students who have maintained a semester grade point average of 3.0 to 3.499 (with a minimum of 12 semester hours and above)

Students enrolled in fewer than 12 semester hours of coursework, who have incomplete grades or pending grade changes will not be considered for academic honors for that semester.

Honor Societies

Alpha Kappa Mu - Alpha Kappa Mu National Honor Society is a general scholarship honor organization that is open to junior and senior men and women in all academic areas. The society was founded at Tennessee A & I State College in Nashville on November 26, 1937.

40

Alpha Phi Chapter of Alpha Kappa Mu at Florida Memorial College is open to all juniors and seniors with a GPA of 3.3 or better. The purpose of the Society is to promote high scholarship; to encourage sincere and zealous endeavor in all fields of knowledge and service; to cultivate a high order of personal living; and to develop an appreciation for scholarly work.

Kappa Delta Pi - Kappa Delta Pi is an International Honor Society dedicated to scholarship and excellence. The Society was founded March 8, 1911. Florida Memorial College received its Charter April 23, 1995. The Society subscribes to four ideals: Fidelity to Humanity, Science, Service and Toil. Invitation to membership in the FMC Phi Eta Chapter is extended to undergraduates who have obtained or earned an overall grade point average of 3.0 or above and to faculty and college administrators.

Delta Mu Delta - Delta Mu Delta National Honor Society in Business Administration is to promote higher scholarship in training for business and to recognize and reward scholastic attainment in business subjects.

Membership in Delta Mu Delta should be the goal of every student in the Division of Business Administration. To be eligible for membership, the academic ranking of those being considered must place them in the upper 20 percent of the junior and senior level classes.

Grade Dispute

Students may appeal grades if it is demonstrated that a faculty member has made a capricious or prejudicial evaluation in grading. To resolve grade grievances, students must adhere to the following procedures:

1. Discuss the problem with the instructor with whom they have the grievance
2. Meet with the division chairperson if the problem cannot be resolved with the instructor
3. File a grade appeal with the Grade Dispute Committee if the division chairperson cannot resolve the problem.

An appeal must be appropriately filed in the semester following the one in which the disputed grade was given.

Change of Grades

41

Final grades can be changed only in instances of documented error. Grade changes must be reported by the professor on the Change of Grade Form. The form must be signed by the instructor and chairperson and be submitted with proper documentation to the Executive Vice President and Provost. Upon approval, the form is forwarded to the Office of the Registrar where the grade change is recorded. A student whose grade is changed will receive a student copy of the transcript reflecting the grade change.

A grade may not be changed after two (2) semesters have elapsed.

Registration

Students must comply with student load requirements as explained in the **Academic Regulations** section of this catalog.

Dates for pre-registration, registration, and late registration for Fall and Spring semesters and summer sessions are published in the College Academic Calendar. Students are required to register in accordance with this schedule.

Schedules of classes are available in the Office of the Registrar. Students are urged to study schedules carefully and, in conjunction with their advisor, plan courses of study on the official registration form. This form is available in the Office of the Registrar.

Students currently enrolled will be charged a late registration fee if not pre-registered. Students have not completed registration until cleared by the Business Office. Registration will be canceled if not completed by the established deadline.

Students will not be permitted to enroll after the late registration period.

Course Cancellation

Course(s) may be canceled by Division Chairpersons in the event of insufficient enrollment or lack of an instructor.

Add, Drop and Withdrawals

Courses may be added during the designated add period at the beginning of each semester. Students may neither register for nor add after this period. Courses may be dropped through the second week of the semester. (See appropriate date on calendar.) Students may not drop a course after this period but may only withdraw from the course or the College. Dropped courses are not reflected on student's transcript.

Withdrawal from Courses - At the end of the drop period students may withdraw from one or more courses during the withdrawal period indicated on the academic calendar. "WP" (Withdrew - Passing) or "FW" (Withdrew - Failing) will be given to reflect academic progress at the time of withdrawal.

Withdrawal from the College - Students may withdraw from the College as late as one week before the last week of classes. Beyond this time, official documentation should support an emergency beyond the control of the

student. An official withdrawal form must be executed during the term for which the student wishes to withdraw from the College. Students who wish to withdraw from the College should contact the Office of the Registrar for procedural information. The effective date of the withdrawal is the date the completed form is filed in the Office of the Registrar. Failure to adhere to these procedures will result in a grade of "F" in all courses in which the student is registered.

Students can also be administratively withdrawn from the college at any time by the Registrar, upon recommendation by the Vice President for Student Affairs, Executive Vice President and Provost or the President. Such withdrawals may be made for disciplinary reasons, or when students fail to meet financial obligations or academic regulations.

Students whose enrollment at Florida Memorial College is interrupted for more than one semester are required to submit an application for re-admission. The application must be sent to the Office of Admissions. Students placed on academic suspension must remain in that status for one semester (fall or spring) before being considered for re-admission.

Students, who voluntarily withdraw from the College for one or more academic years, are required to apply for re-admission. Degree requirements stated in the College Catalog for the academic year a student is readmitted must be satisfied.

Auditing a Course

Students may register to audit courses with the written approval of the instructor and the Chairperson of the major division. Credit will not be granted for audited courses. Students are not required to prepare written assignments or to take examinations. A per credit hour fee for each course audited is assessed according to the current fee schedule.

Concurrent Enrollment at Another College

Students may be allowed, in extenuating circumstances, to enroll in another regionally accredited institution for specified courses. Approval of the Division Chairperson and Executive Vice President and Provost is necessary. Failure to obtain approval will cause denial of credit. Further, students seeking concurrent enrollment are limited to the conditions of Florida

Memorial College student credit load policy.

Transient Permit

Florida Memorial College - Students who enroll at other institutions with the intention of using credits earned toward graduation from Florida Memorial College must receive prior permission from the division chairperson and the Executive Vice President and Provost. Students must complete a Transient Permit Form which can be obtained from the Office of the Registrar.

Students may take courses only at other regionally accredited institutions.

Other Institutions - Students from other institutions who enroll at Florida Memorial College should present approval from the home institution prior to registering for courses.

Classification of Students

Florida Memorial College classifies students by level and special status.

Classifications by level are as follows:

Freshman -	0 to 29 semester hours
Sophomore -	30 to 59 semester hours
Junior -	60 to 89 semester hours
Senior -	more than 89 semester hours

Students who are not enrolled in degree programs are classified as non-degree seeking students.

Academic Honor Code

Florida Memorial College recognizes honesty and integrity as necessary to the academic purpose and function of the institution. The College, therefore, expects a high standard of individual honor in all academic endeavors from each student.

Academic dishonesty includes cheating, plagiarism, forgery, collusion, and

credential misrepresentation. Students found guilty of academic dishonesty are subject to disciplinary action including loss of credit, suspension, or immediate dismissal from the College.

Cheating - The use or attempt to use unauthorized materials, information, study aids, or computer-related information. This includes giving or receiving, offering or soliciting information on tests or written assignments, and/or using notes or books other than those explicitly permitted by the instructor during an examination.

Plagiarism - Representation of words, data, works, ideas, computer programs, or anything not generated in an authorized fashion properly cited as one's own.

Forgery - Willful misrepresentation or altering of documents with intent to defraud. It is a crime punishable by law. Its most common occurrence among students includes, but is not limited to, the misrepresentation of signatures (especially that of an academic advisor) on official documents of the College or the attempt to cash checks that are not lawfully their own.

45

Collusion - Cooperation of student(s) with staff personnel in securing confidential information/material (tests, examinations, etc.); bribery by student(s) or staff personnel to change examination grades and or grade point average(s); cooperative efforts by students and student assistant(s) in gaining access to examinations or answers to examinations for distribution; and resubmission of term papers and/or reports that have been submitted previously and graded, but have been secured and re-circulated among students.

Credential Misrepresentation - Use of untrue written statements regarding matters of fact in order to gain admission to or employment at Florida Memorial College. This also includes misstatements of fact, distribution of false printed material, and conduct manifestly intended to deceive or mislead.

Student Records

Florida Memorial College does not release student record information, except as permitted under the Family Education Rights and Privacy Act of 1974 (Buckley-Pell Amendment).

1974 (Buckley-Pell Amendment).

Student records are confidential and information which can identify a student will not be released to a third party unless authorized by the student. A record of all authorizations will be kept in the student's file.

Students may request, in writing, access to personal official records and may challenge the accuracy of records maintained by the College. The Office of the Registrar will respond to any request within ten working days.

Requests for official or unofficial Florida Memorial College transcripts are made to the Office of the Registrar or in person by the U.S. mail. Telephone or third party requests will not be honored.

The following information is necessary to process a transcript.

- Student name
- Student identification number or Social Security number
- Date of birth
- Dates of attendance
- Degree(s) obtained (if any)
- The request must be signed and dated by the student
- The request must also include the full address of the person or institution receiving the transcript.
- A \$3.00 fee is required, in cash or money order for each copy of the transcript.
- Transcript requests should be addressed to:
Registrar's Office
Florida Memorial College
15800 NW 42nd Ave.
Miami, FL 33054

Students who are negotiating with co-op employers who require grades should request a transcript in the usual manner and allow the usual time.

Rights Granted to Students under the Family Educational Rights and Privacy Act of 1974 (FERPA)

Access to Student Records

Under the provisions of the Family Educational Rights and Privacy Act of

1974, students have the right to inspect and review educational records. In addition, they have a right to an explanation and interpretation of those records, including the right to a hearing to challenge the contents of such records. Requests for an explanation concerning a record should be addressed to the college official in charge of the record. Academic records, supporting documents and general education records are maintained by the Registrar, academic departments and advisers and the Deans' offices; records of disciplinary proceedings by the Vice President for Student Services; financial records by the Business Office; medical records by the Health Center; financial aid records by the Financial Aid Office; placement records by the Career Planning and Placement Office; and counseling records by the Counseling Services Center. All such records are the property of the college.

The following records are not available for student inspection: records of instructional, supervisory and administrative personnel which are in the sole possession of the maker thereof and which are not accessible to other persons; records created or maintained by a physician, psychiatrist, psychologist or other recognized professional or paraprofessional which are used only in connection with the provisions of treatment of a student and are not available to persons other than those individuals providing such treatment; records and documents of a law enforcement unit, including those of the college's Department of Public Safety; financial records of students' parents; confidential letters and statements of recommendation placed in a student's file prior to January 1, 1975, or those received after January 1, 1975, for which the student has signed a waiver of his/her right to access.

Information in student's education records will not be released to third parties without the student's written consent, except to the following: officials of this college, including instructional staff, who have legitimate educational interests; officials of other schools in which the student seeks to enroll; accrediting organizations; parents of a student who qualifies as a dependent under the Internal Revenue Code; federal and state educational authorities and organizations conducting studies for such authorities in the areas of testing, student aid and instruction; people seeking information pursuant to a judicial order or subpoena; and appropriate people in connection with an emergency involving health or safety.

Directory information - student's name, address, telephone number, date and place of birth, major field of study, class year, dates of attendance, degrees and awards received, enrollment status, past and present participation in officially recognized sports and activities, height and weight of student

athletes, and most recent previous educational institution attended - may be made public by the college unless the student requests the Registrar, in writing, at the beginning of each semester that such information be released only upon his/her consent.

Veteran Affairs

Florida Memorial College maintains a Veterans Affairs Office in the Office of the Registrar to assist veterans and dependents of veterans who are entitled to V.A. educational benefits under Chapter 30, 32, or Chapter 35 of Title 38, U.S. Code and Chapter 106, Title 10, USC.

Standards of Progress Policy for Veterans

Students are considered to be in good academic standing when the cumulative grade point average is a minimum of a 2.0. Florida Memorial College's policies on academic warning, probation and suspension are based on the possibility that students can overcome academic difficulty and make appropriate progress toward a degree.

Academic Warning - Students are placed on academic warning when the GPA falls below 2.0 in a semester. Students placed on academic warning are limited to a course load of not more than 15 semester hours.

Academic Probation - Students will be placed on academic probation when they fail to earn and maintain a semester GPA of at least 2.0 the first semester of attendance after the academic warning period. Students placed on academic probation will be limited to a course load of not more than 12 semester hours.

Academic Suspension - Students will be placed on academic suspension at the end of the semester of probation if they fail to earn at least a 2.0 semester GPA. Suspension from the College shall be for the subsequent academic term.

Termination of Veterans Benefits - A student who receives Veterans Educational Benefits who is placed on academic warning must regain a cumulative grade point average of 2.0 or better at the end of the semester following the notification. If at the end of this semester the cumulative grade

point average is below 2.0, the U.S. Department of Veterans Affairs will be notified to terminate the veteran's educational benefits.

Career Planning, Placement and Cooperative Education

The Office of Career Planning, Placement and Cooperative Education has two objectives. Career Planning and Placement provides services such as resume writing, job search interview techniques, job readiness and motivational tools; it assists students and alumni with job placement, career exploration and planning through individual and group counseling, workshops and seminars. A library of career and graduate school information is maintained by this office.

Cooperative Education is a training program for professional development which allows students to incorporate classroom activities with practical on-the-job experiences. The program is a joint venture between employers and the College which allows alternate periods of off-campus work and on-campus study as part of academic programs. Students receive financial remuneration during work periods and may also earn academic credit.

49

The off-campus employment must be closely related, and contribute significantly, to the students' career goals. Cooperative Education is centralized in the Office of Career Planning, Placement and Cooperative Education and is optional for departmental majors. Students are encouraged to get information about cooperative education from the division of the declared major. Freshmen are not eligible to co-op, but they may make preparations by obtaining information about the program from the Office of Career Planning, Placement and Cooperative Education.

Basic requirements for participation in the co-op program are:

- a. 2.8 grade point average,
- b. 31 semester credit hours, pending placement, at the conclusion of the first semester of the sophomore year,
- c. willingness to accept a professional field assignment in any geographic location. Preferences will be considered, but cannot be guaranteed,
- d. completion of at least three (3) sessions of orientation before a professional field assignment is given.

Center for Urban Environmental Studies

The Center for Urban Environmental Studies provides educational and research opportunities to faculty and students and outreach to communities on environmental issues with emphasis on South Florida. The Center has five components:

- ◆ Academic Programs
- ◆ Bachelor of Science in Environmental Studies
- ◆ Minor in Ecology
- ◆ Community Environmental Education, Awareness, and Outreach
- ◆ Faculty Development (graduate tuition assistance and travel awards)
- ◆ Campus Environmental Awareness and Student Internships and
- ◆ Environmental Research (summer research awards).

Interested faculty may apply to be Center Associates by contacting the Director or the Associate Director. Students who are interested in majoring in Environmental Studies or in participating in environmental internship experiences should also contact the Director. The Center is housed in LEH 206 and is staffed by a Director (one-half time), an Associate Director (full time), and several student assistants.

College Library and Services

The mission of the Florida Memorial College Library is to provide resources and instructional material in support of the transmission and exchange of scholarly information. The library evaluates its programs, collections, technology, service delivery, and other activities on a regular basis, in order to meet the challenges of a changing technological and global society. The

Florida Memorial College Library seeks to be both an educational resource center for the college community, and a learning organization that constantly works to maximize its effectiveness in accomplishing its mission.

Grants and Sponsored Research

The Office of Grants and Sponsored Research assists faculty and staff in identifying grant and research funding opportunities, in writing and developing grant and research proposals and in monitoring grants management activities.

Its goal is to advance the mission of the College through the use of external funds received from grant and contract awards. To this end, the office endeavors to encourage and support grant writing, grants management and sponsored research activities as these processes enhance teaching and learning, support institutional growth, promote faculty development and provide service to the community (see the Office of Grants and Sponsored Research's [Proposal Writing and Grant Development Guide](#)).

51

Grant and contract funds received by the College are managed in accordance with restrictions imposed by the external funding agency or organization and in accordance with standard and generally accepted accounting procedures. This office assists with the implementation of grants and contracts, with the monitoring of program expenditures and with grant reporting requirements.

Institutional Research

The Office of Institutional Research is responsible for the collection, analysis, and reporting of official information about the College, its students, and faculty. This includes reporting the United States Department of Education's Integrated Postsecondary Education Data System (IPEDS) annual surveys, The College Fund/UNCF's Annual Survey, and the Independent Colleges and Universities of Florida's Accountability Report. It assists other offices in the construction, administration, and analysis of surveys and reports. It also

prints, distributes, analyzes, and reports the Course and Instructor evaluation survey during the Fall and Spring semesters. The Office is staffed by a Director (one-quarter time), a staff assistant (three-quarters time), and several student assistants. The Office is housed temporarily in LEH 204 and LEH 204B.

Institutional Self-Study Office

The Self Study Office was created to facilitate the Self-Study Process of Florida Memorial College. The Self-Study Office serves as a repository for information related to every aspect of the College, and assists in the development of the decennial Self-Study report. The Self-Study report is a requirement for reaffirmation of accreditation process. The Self-Study process is broad-based, and requires input and augmentation by every component of the College. This report is submitted to the Commission of Colleges of the Southern Association of Colleges and Schools. This is the regional association through which the College is accredited. The Self-Study report, and the visit by the accreditation team, occurs every ten years.

The Self-Study Office is designed to direct the College's self evaluation. The report must reflect the extent to which the College maintains and realizes its purpose, goals and mission. The Self-Study Office affords the institution an opportunity to evaluate its operations, policies and procedures; to review its strengths and weaknesses, and to develop the evaluative report required by the reaffirmation of the accreditation process.

Testing Center Services

The Testing Center offers testing services to Florida Memorial College faculty, staff, student body, and its surrounding communities. It operates in conjunction with the Office of Institutional Research in disseminating student assessment data.

The Center develops and distributes schedules of all major tests administered. The following tests are administered regularly on campus in the center: College Level Achievement Skills Test (CLAST), Graduate Management Admission Test (GMAT), Graduate Record Examination (GRE),

Multiple Assessment Programs and Services (MAPS), College Placement Test (CPT), National Teachers Examination (NTE), Scholastic Assessment Tests (SAT), Test of English as a Foreign Language (TOEFL).

The Testing Center administers placement tests for all freshmen students. These tests determined whether students are placed in developmental or college-level courses.

Core Curriculum

The purpose of the core curriculum is to expose students to a common body of knowledge which lays the foundation for upper division courses. The core curriculum is also designed to ensure that students have some exposure to the content and methods of inquiry in the major subject fields in a liberal arts education. It is imperative that the core curriculum is completed before entering the major course of study. The core curriculum follows:

53

African American History (3 credits) *Select 1 from the following:*

- HIS 103 African American History I OR
- HIS 104 African American History II

Communications (12 credits)

- ENG 101 English Communication I
- ENG 102 English Communications II
- COM 103 Introduction to Public Speaking
- REA 101 Critical Thinking and Reading (or approved literature course)

College and Life Skills (3 credits)

- FMC 101 Education and Life Seminar

Health (2 credits)

- PED 110 Dimensions of Wellness

Religion (3 credits)

- REL 101 Introduction to Religion

Natural Sciences (6 credits) *Select 2 from the following:*

BIO 101 Biological Science
PSC 101 Physical Science
ENV 101 Environmental Studies

OR

6 credits of more advanced science courses

Quantitative Reasoning (6 credits) *Select 1 option:*

Option I

MAT 101 College Mathematics I
MAT 102 College Mathematics II

OR

Option II

6 credits of more advanced mathematics courses

Humanities (3 credits) *Select 1 from the following:*

ART 200 Art Appreciation
DRA 200 Drama
MUS 200 Music Appreciation
ENG 405 Creative Writing

54

Technology (3 credits) *Select 1:*

CSC 101 Introduction to Computers
EDU 331 Instructional Technology
(for education majors only)

OR

3 credits of a more advanced computer course

Modern Foreign Language (6 credits) *Select 1:*

SPA 201 Elementary Spanish I

AND SPA 202 Elementary Spanish II

OR

FRE 201 Elementary French I

AND FRE 202 Elementary French II

OR

SPA 323 Spanish for Native Speaker I

AND SPA 324 Spanish for Native Speakers II

OR

FRE 312 French for Native Speakers I

AND FRE 313 French for Native Speakers II

Social Sciences (3 credits) *Select 1 from the following:*

SOC 200 Introduction to Sociology

OR PSY 200 Introduction to Psychology
AND

History/Government (3 credits) *Select 1 from the following:*

ECO 200 Introduction to Economics

(for non-business majors)

SSC 101 Contemporary Society I

SSC 102 Contemporary Society II

ECO 201 Macroeconomics *(for non-business majors)*

ECO 202 Microeconomics *(for non-business majors)*

HIS 104 African American History II

HIS 200 History of the United States

POL 301 U.S. Government

Students are exempted from taking Educational and Life Seminar (FMC 101) if they are (a) 25 years or older; (b) hold an associate of arts or science degree from a regionally accredited community college; (c) are transfer students and have taken an equivalent course at a regionally accredited college or university.

Developmental Course Work

Students who on the basis of test scores administered by Florida Memorial College exhibit deficiencies in English, reading, or mathematics will be required to take appropriate courses prior to enrolling in courses in the Core Curriculum. Students will receive letter grades for these courses. Developmental courses will not be counted as part of credit hours required for graduation. Developmental courses become a part of the student's permanent academic record.

Students taking developmental classes will be given three grading periods to pass such courses. If they do not pass all developmental courses at the end of this time-frame, their matriculation at the College will be terminated.

Honors Program

The Honors Program provides an alternative academic curriculum for highly motivated students. This advanced curriculum helps prepare students for study in graduate and professional schools upon graduation. The mission of the Honors Program is to inspire students to become leaders within both their professions and communities.

Admission Criteria

Admission to the Honors Program requires:

- ◆ High School GPA of 3.5 and above
- ◆ Letters of Recommendation
- ◆ SAT score of 1000 or better or ACT score of 23 or better

Retention in Honors Program

Students must maintain a cumulative grade point average of 3.0 or better to continue in the Honors Program.

If the GPA falls below 3.0, the student will be allowed one semester to raise the GPA to the required level.

Honors Program Curriculum

Students in the Honors curriculum take courses which replace certain core courses of the general education curriculum. Honors students will take Honors Seminar I & II in lieu of education and life seminar requirement; Honors Mathematics I and II in lieu of core mathematics requirement; Honors English I and II in lieu of core English requirements and Reading 101; Insight I and II in lieu of core science requirements; Technology (honors) in lieu of Introduction to Computers; African American History I and II

First Year

SEM 101H Honors Seminar I	1
MAT 104H Honors Math II	3
ENG 105H Honors English II	3
SCI 105H Insight II (Science)	3
SEM 102H Honors Seminar II	1

Second Year

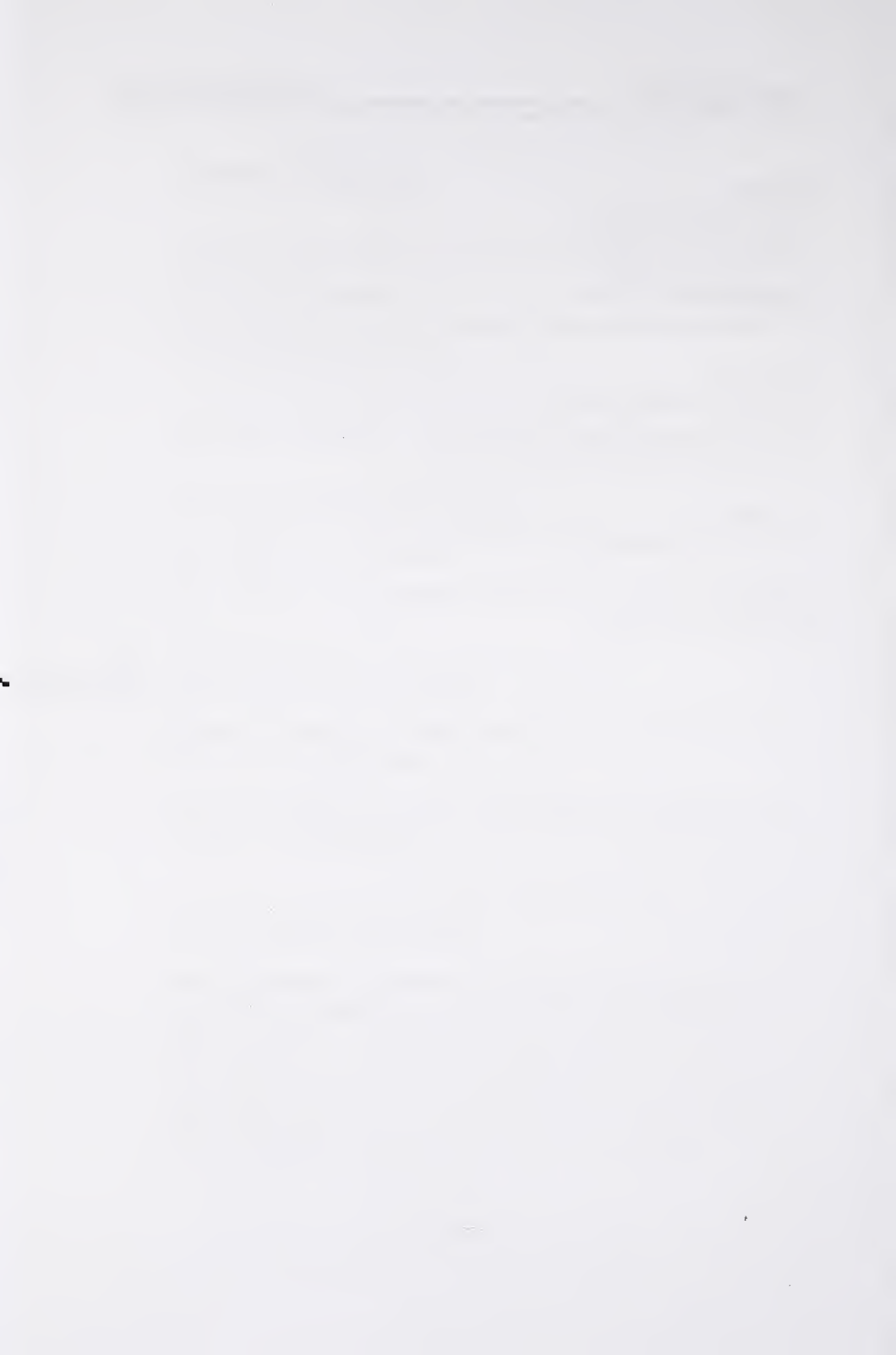
CSC 202H Technology (Honors)	3
HIS 201H African American History I (Honors)	3
HIS 202H African American History II (Honors)	3

Third Year

RSC 303H Research Methods (Honors)	3
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Fourth Year

RSC 403H Honors Thesis	3
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Academic Divisions

General College
Airway and Computer Sciences
Business Administration
Education
Extension and Continuing Education
Humanities
Natural Sciences and Mathematics
Social Sciences



General College Division

The General College Division offers some of the first-level courses required in the Core Curriculum. The Division is the point of entry for all first year students and for returning and transfer students who have not declared a major and/or are required to enroll in two or more pre-college/developmental studies courses. Students who are required to take only pre-college/developmental studies course are co-advised in the General College Division and the degree-granting Division while that course requirement is being fulfilled:

In its institutional role, the General College Division:

- orients new students to the College,
- provides academic advisement to students during their tenure in the Division,
- instructs students in English, mathematics, and reading on both pre-college/developmental studies and college levels,
- offers and instructs students in a college success and study skills seminar, and
- oversees and monitors the progress of students.

Entrance Requirements

New, non-transfer, students who do not have appropriate ACT, SAT or Advance (A) Level results are required to take the Computerized Placement Test (CPT) or an equivalent standardized placement examination prior to registering for classes. The placement test measures achievement levels in English, mathematics, and reading. Based on the results of the test, students are assigned appropriate college-level courses, pre-college/developmental studies courses, or both.

New, non-transfer, students not required to take a placement are those who have the minimum scores and/or grades listed on either of the tests below:

ACT	16	
SAT	Math	440
	Verbal	420

International students with passing grades in GCE Advance Level courses are also exempt from taking a placement test.

Transfer students who have declared a major (and are not required to take pre-college/developmental studies courses in English, mathematics, and reading) are referred immediately to the degree-granting division of choice for advisement.

Progression Standards

Students must pass each course in the sequence of courses offered by the Division with a grade of "C" or higher. Students who earn midterm grades of "D" or "F" in English, mathematics, reading or Education and Life Seminar must pre-register for the same course before advancing to the next one in the sequence. "D" and "F" are not passing grades. Students must repeat courses in which "D" or "F" grades are earned.

Academic Resource Center (ARC)

The Academic Resource Center (ARC) is a supplemental learning assistance facility in the General College Division. The ARC provides a supportive environment where students can work to enhance academic performance on concepts explored in class. ARC services include diagnosing, remediating, reinforcing, enriching, and evaluating knowledge and skills. Priority is given to students who must complete required laboratory hours in conjunction with their courses, although other students seeking assistance are served.

The major focus in the ARC is one-to-one and small-group tutoring with subject area professionals and peer tutors. Thematic workshops are organized to address a limited range of academic concerns (e.g., test anxiety). Peer tutors also work with study groups to review for examinations.

Computerized Academic Skills Laboratory

The Computerized Academic Skills Laboratory provides students an opportunity to reinforce classroom lessons and to eliminate specific academic deficiencies through the use of computer software programs. The skills lab is used by students primarily to strengthen skills in mathematics, reading, and writing. Students may also develop skills in the use of computers (especially word processing).

The laboratory coordinator assists, monitors, and supervises students who are referred to the laboratory by instructors. Instructors are informed of students' performance via written reports so that appropriate follow-up can be planned.

Writing Center

62

The Writing Center is a complimentary laboratory component of the General College Division designed to assist students in developing, improving and enhancing their writing skills and levels. Students are aided in acquiring the necessary skills to write effectively through individualized tutoring and computer-assisted instruction. Portfolios are maintained by the Center's personnel for students and instructors to monitor students' progress.

Academic Advisement

The advising process begins initially during new student orientation and continues throughout students' duration in General College and in degree-granting divisions. Academic advising in General College is designed to provide students with the guidelines and means necessary to develop and progress through their educational goals and curricula requirements. This is achieved mainly through a partnership between the student/advisee and advisor in the review of requirements and appropriate course selection for the level and sequence of study.

General College is responsible for the academic advisement of students who have not declared a major and/or students who must complete pre-college/developmental studies courses in English, mathematics, and reading offered by the Division. Upon successful completion of course

requirement(s), students are referred to the degree-granting division of choice for academic advisement. Students who are not required to take pre-college/developmental studies courses are referred directly to degree-granting division for academic advisement.

Academic advisement is mandatory and students should confer with advisors regularly. However, advising errors do not exempt students from the responsibility of meeting all degree requirements for graduation.

Pre-College/Developmental Studies Program

The goal of the Pre-College/Developmental Studies Program is to strengthen academically underprepared students in English, mathematics, and reading through intensive instruction and tutorial assistance. As a consequence, students' skills are improved and brought to college level in the related areas. These courses are required of all freshmen and some transfer students whose college placement test results fall below the minimum requirement for enrolling in required courses in the core/general education curriculum. All pre-college/developmental studies program courses include laboratory assignments in addition to regular classroom assignments and participation. Students must successfully complete pre-college/developmental studies courses within three (3) grading periods.

63

Pre-College/Developmental Studies Program courses require a minimum of a "C" grade for passing. Because of the preparatory nature of the program, credits earned in pre-college/developmental studies courses do not count toward minimum graduation requirements. Students may use credits earned in these courses to qualify for financial aid, however. Additionally, grades and credits earned in these courses continue to be included in the GPA and are not deleted from the calculation until all other degree requirements have been met.

Pre-College/Developmental Studies Program Curriculum

	CR
DSE 099 Essentials for College English	3
DSM 099 Essentials for College Math	3
DSR 099 Essentials for College Reading	3

Pre-College/Developmental Studies Program Guidelines

1. Students testing into DSE 099 may not enroll concurrently in writing intensive courses.
2. Students testing into DSM 099 may not enroll concurrently in computation intensive courses.
3. Students testing into DSR 099 may not enroll concurrently in reading intensive courses.
4. Students enrolled in two or more pre-college/developmental studies course are limited to 12 to 14 credit hours for that semester.

Students enrolled in all three pre-college/developmental studies program courses are limited to a schedule typified by the following:

DSE 099	Essentials for College English	3 credits
DSM 099	Essentials for College Math	3 credits
DSR 099	Essentials for College Reading	3 credits
FMC 101	Education and Life Seminar	3 credits
PED 110	Dimensions of Wellness	2 credits

Total	14 credits
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Division of Airway and Computer Sciences

Divisional Mission Statement

The Division of Airway and Computer Sciences was established in part as a result of a grant received from the Federal Aviation Administration (FAA) in 1985 and is the first Airway Science Program at an historically Black

college or university.

Airway Science is a rigorous program designed to educate the future technical managers of the aviation industry. The curriculum stresses hard science, the human resource side of management, knowledge of computers and, of course, aviation. Individuals with an Airway Science education will have a broader perspective about the aviation industry and a commitment to aviation.

The Division of Airway and Computer Sciences provides aviation and computer education, and it serves as the focal point of technological education at Florida Memorial College.

The degree program and the two concentrations offered under the national Airway Science Program have been approved by the FAA. These programs stress the knowledge of mathematics and science, as well as the technology of modern management.

Specified Division Mission Objectives

65

1. To educate future technical managers of the aviation industry;
2. To prepare students for management, administrative, and supervisory positions in the aviation industry;
3. To orient students to the technical nature of the aviation industry;
4. To orient students to the human resource needs of the people who work in the aviation industry;
5. To prepare students to function in diverse areas of computer operation, design, maintenance, troubleshooting and programing within the field of aviation;
6. To prepare students to assume management and supervisory positions for information and data processing systems.

Divisional Requirements

1. Complete all general education requirements.
2. Complete all major courses with a minimum grade of "C".
3. Complete all course requirements and credit hours specified by the degree program.
4. Complete the divisional exit examination.

Bachelor of Science in Airway Computer Science

The Airway Computer Science area of concentration is designed to prepare the graduate to function in diverse areas of computer operation, design, maintenance, troubleshooting, and programming primarily within the aviation industry.

Career options for these graduates are expected to continue expanding as flight and navigation functions and communication and information processing systems become increasingly computerized and automated. After practical work experience, the graduate can assume management and supervisory positions.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

66

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
COM 103 Intro to Public Speak	3	REL 101 Intro to Religion	3
FMC 101 Ed & Life Seminar	3	CSC 232 Prin of Programming	3
CSC 101 Intro to Computer	3	MAT 112 Pre-Calculus	3
MAT 111 College Algebra	<u>3</u>	PED 110 Dimensions of Wellness 2	<u>3</u>
	15	REA 101 Critical Think/Read	<u>3</u>
			17

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
PHY 200 College Physics I	3	PHY 202 College Physics II	3
PHY 201 College Physics I Lab	1	PHY 203 College Physics II Lab	1
MAT 113 College Trigonometry	3	___ Social Science Req	3
HIS 100 African American Hist	3	___ History/Gov't Req	3
___ Foreign Language	3	___ Foreign Language	3
___ Humanities Req	<u>3</u>	___ Humanities Req	<u>3</u>
	16		16

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
BUS 320 Business Statistics or		CSC 310 Assembly Language	3

PSY 312 Introduction to Stat	3	MAT 202 Calculus II	3
MAT 201 Calculus I	3	PAD 306 Administrative Behavior	3
AVT 201 Intro to Aeronautics	3	CSC 335 Data Structures	3
BUS 211 Principles of Management	3	CSC 473 C++ Programming	3
CSC 275 PASCAL Programming	<u>3</u>	CSC 386 COBOL Programming	<u>3</u>
	15		18

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
AWS 310 Aviation Legislation	3	CSC 485 Sim & Mgmt App I I	3
AWS 420 Flight Safety	3	___ ___ BUS or AWS Mgmt Elect	3
CSC 333 System Analysis & Design	3	AWS ___ AWS Elective	3
CSC 405 Programming Language	3	CSC 341 Computer Organization	3
CSC 485 Simulation & Mgmt App I	3	CSC 460 Senior Project	<u>3</u>
___ ___ Computer Elective	<u>3</u>		15
	18		

Bachelor of Science in

Airway Science

Concentration in Airway Science Management

67

A degree in Airway Science Management prepares students for administrative, management, and supervisory positions in the aviation industry. The program is oriented to the technical nature of the aviation industry and to the human resource needs of the people who work in the airway industry.

The graduates' career options include positions in airport management, general aviation operations, air carrier management, air traffic control, and various government agencies.

Graduation Requirements

This concentration requires a minimum of 127 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
AVT 200 Aviation History	3	CSC 101 Intro to Computers	3
FMC 101 Ed & Life Seminar	3	AVT 201 Intro to Aeronautics	3
MAT III College Algebra	3	MAT 112 Pre-Calculus	3

REA 101 Crit Think/Read	3	HIS 103 African Am History I	<u>3</u>
PED 110 Dim of Wellness	<u>2</u>		15
	17		

Sophomore Year

First Semester

___ ___ Humanities Req
PSY 200 Intro to Psychology
MAT 200 Applied Calculus
PHY 200 College Physics I
PHY 201 Coll Physics Lab
AWS 232 Air Traffic Control

Second Semester

3 BUS 211 Prin of Management	3
3 COM103 Intro to Pub Speaking	3
3 AWS 320 Air Transportation	3
3 PHY 202 College Physics II	3
1 PHY 203 Coll Physics Lab	1
<u>3</u> REL 101 Intro to Religion	<u>3</u>
16	16

Junior Year

First Semester

BUS 345 Bus Comm & Tech
BUS 320 Business Stat I or
PSY 312 Intro to Statistics
BUS 344 Bus Org & Mgmt
AWS 390 Airline Mgmt
___ ___ Humanities Req.
___ ___ Foreign Lang Req

Second Semester

3 AWS 310 Aviation Legislation	3
BUS 350 Human Res Mgmt	3
3 PAD 306 Admin Behavior	3
3 POL 301 U.S. Govt	3
3 ___ ___ Foreign Lang Req.	<u>3</u>
3	15
<u>3</u>	
18	

68

Senior Year

First Semester

AWS 420 Flight Safety
SOC 304 Social Psychology
AWS 390 Airline Mgmt
BSU 480 Managerial Psych
AWS 440 Mgmt Dec Mkg

Second Semester

3 AWS 395 Airport Management	3
3 AWS 351 Aviation Labor Rel	3
3 AWS ___ Aviation Elective	3
3 SOC 305 Group Dynamics	3
<u>3</u> AWS 450 Thesis Aviation Studies	<u>3</u>
15	15

Bachelor of Science in Aeronautical Science

Concentration in Flight Education

The concentration in Flight Education is our Professional Pilot Program. Students completing this degree will have earned the appropriate Federal Aviation Administration (FAA) certificates necessary to instruct others in advanced and instrument ground schools, and seek employment as commercial instrument, multi engine rated pilots. This program requires a minimum of 124 semester hours for completion of which 32 credit hours are for ground school and flight training. The objectives for the Aviation Flight Education area of concentration are to educate students in the discipline of flight education, certify students with various FAA pilot certificates and ratings, provide students with the management and technical qualifications required in the aviation industry, orient students to the human resource needs of the people who work in the aerospace environment, and prepare them with the essential skills necessary for their chosen career.

69

IMPORTANT NOTE:

Prior to selecting the Aviation Flight Education concentration, interested students MUST meet with the academic/flight advisor of the division. The advisor will brief the prospective flight student on pilot eligibility requirements as specified by Federal Aviation Regulations. Also, the advisor will discuss costs considerations for flight training which, for the flight student, are over and above the costs for regular tuition and fees. These concerns must be well understood by both the student and parents of the student prior to enrollment in this concentration of study.

Graduation Requirements

This concentration requires a minimum of 127 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
MAT 101 College Math I
AVT 200 Aviation History

Second Semester

3 ENG 102 English Comm II 3
3 MAT 102 College Math II 3
3 AVT 202 Private Pilot Flight 2

AVT 201 Intro to Aeronautics	3	AVT 203 Navigation & Perform	3
FMC 101 Ed & Life Seminar	<u>3</u>	PED 110 Dim of Wellness	2
	15	CSC 101 Intro to Computers	<u>3</u>
			16

Sophomore Year

First Semester

MAT 111 College Algebra
HIS 103 African Am Hist I
BIO 130 Prin of Biology
BIO 131 Prin of Biology Lab
AVT 302 Instrument Flight
AVT 301 Instrument Ground

Second Semester

3	AVT 303 Commercial Ground	3
3	AVT 304 Commercial Flight	2
3	_____ Humanities Req	3
1	REL 101 Intro to Religion	3
2	PSY 200 Intro to Psychology	3
<u>3</u>	_____ Foreign Language Req	<u>3</u>
15		17

Junior Year

First Semester

PHY 200 Coll Physics I
PHY 201 Coll Physics I Lab
AVT 411 Instructor Flight
_____ Humanities Req
AVT 401 Prin of Flight Inst I
AWS 270 Aircraft Engines
_____ Foreign Lang Req

Second Semester

3	CSC 205 Intro to Programming	3
1	PHY 202 Coll Physics II	3
2	PHY 203 Coll Physics II Lab	1
3	AVT 412 Cert Flt Inst - Instructor 2	
3	AWS 430 Flight Physiology	3
3	_____ Social Science Req	3
<u>3</u>	AWS 415 Aviation Seminar	<u>3</u>
18		18

70

Senior Year

First Semester

AVT 305 Multi-Eng Rat Flt
AWS 450 Thesis in Aviation
AWS 418 Cockpit Res Mgmt
AWS 310 Aviation Law
AVT 405 Multi Engine Sys

Second Semester

2	CSC _____ Computer Elective	3
3	AVT 413 Cert Flt Inst Multi-Eng	2
3	AWS 420 Flight Safety	3
3	AWS 440 Mgmt Decision Making	3
<u>3</u>	AWS _____ Aviation Elective	<u>3</u>
14		14

Recommended Electives

Computer Science

CSC 120 Business Data Processing	3
CSC 231 Programming in BASIC	3
CSC 232 Introduction to Programming	3
CSC 250 Visual BASIC	3

CSC 275 PASCAL Programming	3
CSC 310 Assembly Language	3
CSC 331 Advanced Basic Programming	3
CSC 332 FORTRAN Programming	3
CSC 333 Systems Analysis and Design	3
CSC 335 Data Structures	3
CSC 341 Computer Organization	3
CSC 350 Special Prob in Comp Science I	3
CSC 351 Special Prob in Comp Science II	3
CSC 360 Computer Operating Systems	3
CSC 375 Networks and Data Comm	3
CSC 385 Artificial Intelligence	3
CSC 386 COBOL Programming	3
CSC 405 Programming Languages	3
CSC 415 Computation Theory	3
CSC 433 Advanced COBOL	3
CSC 441 Honors Research	3
CSC 445 Management Information Systems	3
CSC 470 C Programming	3
CSC 473 C++ Programming	3
CSC 474 Java Programming	3
CSC 483 Database Management Systems	3
CSC 485 Simulation & Mgmt Application I	3
CSC 486 Simulation & Mgmt Application II	3
CSC 490 Computer Security/Ethics	3
CSC 494 Software Project Development	3
CSC 498 Cooperative Ed in Comp Science (I-6)	
CSC 499 Cooperative Ed in Comp Science (I-12)	

Management

AWS 440 Management Decision Making	3
BUS 344 Business Organization and Mgmt	3
BUS 311 Business Law I	3
BUS 312 Business Law II	3
BUS 334 Entrepreneurship	3

Aviation

AWS 210 Basic Aerodynamics	3
AWS 232 Air Traffic Control	3
AWS 250 Physical Geography	3
AWS 270 Aircraft Engines	3
AWS 301 Principles of Transportation	3

AWS 305 VFR Tower Operations	3
AWS 315 ATC Radar Procedures	3
AWS 320 Air Transportation	3
AWS 340 Passenger Traffic Management	3
AWS 380 Urban Transportation	3
AWS 390 Airline Management	3
AWS 395 Airport Management	3
AWS 401 National Airspace System	3
AWS 425 Aircraft Accident Investigation	3
AWS 430 Flight Physiology	3
AWS 498 Cooperative Ed in Aviation I	3
AWS 499 Cooperative Ed in Aviation II	3

Other

MAT 112 Pre-Calculus	4
MAT 113 Trigonometry	3
PAD 306 Administrative Behavior	3
PSY 403 Psychology of Learning	3
PSY 406 Social Psychology	3
SOC 305 Group Dynamics	3

Bachelor of Science in Computer Science

The Bachelor of Science degree in Computer Science is designed to prepare the student for a career in computer and information technologies. The objectives of the Bachelor of Science degree program in Computer Science is to prepare students for a career in applying and using computers and to provide students with broad mathematical and scientific backgrounds necessary to pursue further studies computer-related disciplines or secure employment in information technologies.

Possible career areas include computer information systems, programming, systems analysis, networking and web technology.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
COM 103 Intro to Public Speak
FMC 101 Ed & Life Seminar
CSC 101 Intro to Computer
MAT 111 College Algebra

Second Semester

3 ENG 102 English Comm II 3
3 REL 101 Intro to Religion 3
3 CSC 232 Prin of Programming 3
3 MAT 112 Pre-Calculus 3
3 PED 110 Dimensions of Wellness 2
15 REA 101 Critical Think/Read 3
17

Sophomore Year

First Semester

PHY 200 College Physics I
PHY 201 College Physics I Lab
MAT 113 College Trigonometry
HIS 100 African American Hist
____ Foreign Language
____ Humanities Req

Second Semester

3 PHY 202 College Physics II 3
1 PHY 203 College Physics II Lab 1
3 ____ Social Science Req 3
3 ____ History/Gov't Req 3
3 ____ Foreign Language 3
3 ____ Humanities Req 3
16 16

73

Junior Year

First Semester

BUS 320 Business Statistics or
PSY 312 Introduction to Stat
MAT 201 Calculus I
CSC 360 Computer Op Sys
CSC 473 C++ Programming
CSC 341 Comp Organization
CSC 375 Ntwrk & Data Comm

Second Semester

CSC 333 Sys Analysis & Design 3
3 MAT 202 Calculus II 3
3 CSC 494 Software Project Dev 3
3 CSC 335 Data Structures 3
3 CSC 385 Artificial Intelligence 3
3 CSC 395 Software Engineer Prin 3
3 18
18

Senior Year

First Semester

CSC ____ Computer Science Elect
CSC 405 Programming Lang
CSC 445 Mgmt Info Systems
CSC 474 Java Programming

Second Semester

3 CSC 485 Sim & Mgmt App I 3
3 CSC 487 Database Design 3
3 CSC 494 Software Project Dev 3
3 CSC 460 Senior Project 3
12 12

Minor in Computer Science

Note: Students wishing to minor in Computer Science must insure that all prerequisites necessary for the courses listed below are met.

CSC 101 Introduction to Computers
CSC 232 Principles of Programming
CSC 275 Pascal Programming
CSC 373 C++ Programming
CSC 375 Networks and Data Communications
CSC 385 Artificial Intelligence
CSC 395 Software Engineering Principles
CSC 487 Database Concepts and Design
CSC ___ Computer Elective
MAT 201 Calculus I

Bachelor of Science in Management Information Systems

The Bachelor of Science degree program in Management Information Systems stresses the concept that the computer is a management tool which can be used effectively in the planning, control, and decision making activities of the organization. One objective of the program is to provide students with skills and knowledge necessary for employment in the computer industry and general business world as programmers, analysts, and managers. Additional objectives are to provide students with an understanding of the principles and operations of business, and the importance of the computer as a management tool through planning, control, and decision-making activities of the organization.

The Bachelor of Science degree with a major in Management Information Systems provides students with the required knowledge and skills to seek employment in the computer industry and in general business as programmers, analysts, and future managers.

Graduation Requirements

This degree program requires a minimum of 131 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
CSC 101 Intro. to Computers	3	CSC 220 Microcomputer App	3
ENG 101 English Comm I	3	CSC 232 Principles of Prog	3
MAT 101 College Math I	3	MAT 102 College Math II	3
REL 101 Intro to Religion	3	____ Foreign Lang Req	3
FMC 101 Ed & Life Seminar	3	ENG 102 English Comm II	3
REA 101 Critical Think/Read	<u>3</u>	PED 110 Dim of Wellness	<u>2</u>
	18		17

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
CSC 250 Visual Basic	3	CSC 345 Web Technology	3
CSC 333 Sys Analysts & Design	3	CSC 350 Special Problems I	3
____ Foreign Lang Req	3	____ Humanities Req	3
____ Social Science Req	3	ECO 201 Macroeconomics or	
HIS 103 African Amer Hist or		ECO 202 Microeconomics	3
HIS 104 African American Hist II	3	COM 103 Intro to Public Speak	3
____ Natural Science Req	<u>3</u>	____ Natural Science Req	<u>3</u>
	18		15

75

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
CSC 360 Computer Op Sys	3	CSC 386 COBOL Prog	3
CSC 375 Ntwrks & Data Comm	3	CSC 483 Data Base Mgt. Sys	3
ACC 211 Principles of Acctg I	3	ACC 212 Principles of Acctg II	3
BUS 211 Principles of Mgmt	3	____ Computer Elective	<u>3</u>
____ Humanities Req	<u>3</u>		12
	15		

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
CSC 487 Data Base Design	3	CSC 460 Senior Project	3
CSC ____ Computer Elective	3	CSC ____ Computer Elective	3
CSC 445 Mgmt Info Systems	3	CSC 490 Comp Sec/Ethics	3
BUS 320 Business Statistics or		BUS ____ Business Elective	3

PSY 312	Intro to Statistics	3	MAR 301	Marketing	<u>3</u>
BUS 311	Business Law I	<u>3</u>			15
		15			

Minor in Management Information Systems

Note: *Students wishing to minor in Management Information System must insure that all prerequisites necessary for the courses listed below are met.*

CSC 101 Introduction to Computers
 CSC 220 Microcomputer Applications
 CSC 232 Principles of Programming
 ACC 211 Principles of Accounting I
 BUS 211 Principles of Management
 CSC 250 Visual Basic
 CSC 345 Web Technology
 CSC 360 Computer Operating Systems
 CSC 386 COBOL
 CSC 375 Network and Data Communication
 CSC 445 Management Information Systems
 CSC 491 Data Base Design
 CSC ____ Computer Elective*

* Any course above a 300 level from MIS or Computer Science Curriculum.

Elective Course Requirements for Management Information Systems

CSC 385 Artificial Intelligence
 CSC 275 Pascal Programming
 CSC 351 Advanced Cobol Programming
 CSC 485 Special Problems II
 CSC 486 Simulation Management Application II
 CSC 494 Software Development
 CSC 498 Cooperative Ed in Computer Science I or
 CSC 499 Cooperative Ed in Computer Science II
 CSC 441 Honors Research
 CSC 405 Programming Languages
 CSC 474 Java Programming
 CSC 395 Software Engineer Principles

Division of Business Administration

Florida Memorial College, through its Division of Business Administration, is accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees:

- The Bachelor of Science in Accounting
- The Bachelor of Science in Business Administration
- The Bachelor of Science in Marketing

Students can also participate in a Dual Hospitality Management program with Florida International University.

The objective of the FMC/FIU Hospitality Management Program is to provide students the opportunity to obtain the Bachelor of Science Degree in Business Administration from FMC and the Bachelor of Science Degree in Hospitality Management or the Master of Science Degree in Hotel and Food Service Management from FIU.

77

Minors are also offered in Accounting, Business Administration, Economics, Finance, and Marketing. Eighteen additional credit hours with a grade of "C" or better are required beyond core courses for a minor. Students should consult with the Division's Chairperson as soon as the decision to pursue a minor has been made. An agreement about specific courses to satisfy the minor requirements must be made during the application process. Students selecting a minor must adhere to the same entrance requirements as they would for a major. Students selecting a major or minor in the area need to have a strong background in mathematics.

The Division offers opportunities to students to enhance their studies through professional experiences.

Divisional Mission Statement

The core of the Florida Memorial College Institutional Statement of Purpose (mission) is to prepare students to function effectively in a highly competitive technological global society, and to inculcate in students the

importance of life-long learning and a commitment to leadership through service in the enhancement of their lives and the lives of others.

The essential aspects of the College's Institutional Statement of Purpose drive the mission of the Division of Business Administration that is formulated for each degree granting program.

Objectives of the Division

1. To develop an awareness and understanding of the role of business and economics in our society.
2. To assist students in acquiring the ability to use business and economic analysis as a major tool in teaching the independent, well considered judgments on important public issues.
3. To provide specialized training for students who wish to pursue careers as managers and owners of business enterprises.
4. To provide a fundamental background in the areas of business and economics theories for students who wish to pursue advanced study and to council students in the planning for graduate studies.
5. To serve as an agency for the promotion of research and dissemination of knowledge for the advancement of techniques in the conduct of business affairs.
6. To focus on programs for minority groups which inspire greater entrepreneurial activities and contribution to the business and economic life of the community, state, and nation.
7. To continually re-examine the curriculum to see if it conforms to current needs of business and industry.
8. To enhance students' critical thinking and effective communication capabilities.
9. To provide students with the opportunity for cooperative education and internship experience.
10. To analyze components of international business, to include international trade and investment, foreign exchange, financial markets, and political and cultural interactions between multinational organizations and host countries.

Graduation Requirements

1. Complete a minimum of 124 semester hours with a minimum

- cumulative G.P.A. of at least 2.00.
2. Meet all Florida Memorial College course requirements in the area of specialization.
3. Receive grade of "C" or better in all Division of Business Administration courses.
4. Successful completion of BUS 498 Senior Project in Business.

Dual-Hospitality Management Program

This program establishes a cooperative Hospitality Management agreement between Florida Memorial College (FMC) and Florida International University (FIU). The resources of each institution are utilized to form a Dual Degree program of study to increase the number of hospitality industry professionals. The Dual-Hospitality Management degrees will be awarded only upon the successful fulfillment and completion of prescribed admission and course requirements at both institutions.

Program Objectives

79

The objectives of the FMC/FIU Hospitality program are:

1. To provide students with the best of two college worlds
2. To provide avenues of study in hospitality management
3. To provide opportunity for graduate school
4. To increase the participation of minorities in the hospitality industry.

Program of Study

The objective of the FMC/FIU Hospitality Management Program is to provide students the opportunity to obtain the Bachelor of Science Degree in Business Administration from FMC and the Bachelor of Science Degree in Hospitality Management or the Master of Science Degree in Hotel and Food Service Management from FIU.

Students will be required to complete a three-year study program consisting of a minimum of 101 semester hours at FMC. Contingent upon satisfactory completion of FMC requirements, the student will be admitted as a full-time Hospitality Management student at FIU and accepted as a

senior. Upon admission to FIU, students must choose one of the following options — track one or track two.

In the first track, students will be required to complete a two-years study program of 63 semester hours and will receive a Bachelor of Science Degree in Hospitality Management. Upon successful completion of the first 24 semester hours at FIU, students will receive a Bachelor of Science degree in Business Administration from FMC.

In the second track, upon successful completion of the first 24 semester hours at FIU, students will be given the opportunity to apply for admission to the graduate program in the School of Hospitality Management at FIU. To be admitted, the student must have maintained a "B" average in all upper-division work or attained a minimum GRE score of 1000 or a GMAT of 450. Upon successful completion of the program requirements, the student will receive the Master of Science degree in Hotel and Food Service Management from FIU.

Transfer Requirements

Transferring from the FMC/FIU Hospitality Management Program to FIU requires:

1. A minimum of 2.5 cumulative G.P.A.
2. A minimum of 101 transferable semester hours.
3. An approved divisional transfer permit.
4. A State University System application for admission one semester prior to completing FMC requirements.
5. Official transcripts from FMC and any other institutions attended.
6. International students should also contact the Office of Admissions for additional information about requirements for the Certificate of Student Visa Eligibility (I-20 Form) from FIU.

The following course credits are required as part of the 101 semester hours accumulated at FMC.

<u>Course</u>	<u>Semester Credits</u>
Communications	12
Humanities	6
Foreign Language	6
Social Science	6
Natural Science	6

Math (College Algebra or higher)* 6

* Grade of "C" or better required

Financial Aid

Students who need financial aid while in the program at FMC must apply to the designated official at FMC. Currently, FIU agrees to provide four scholarships for African-American FMC students who are admitted to the Hospitality Management program. The scholarships are academically competitive and amount(s) to \$1500 for four students annually. Tuition waivers are also available for non-Florida residents and foreign students. These awards are competitive and made to students who demonstrate high scholastic achievement.

Bachelor of Science in Accounting

81

Mission of the Accounting Program

The mission of the Accounting program is to prepare students for professional careers in public accounting, private industry accounting, and governmental accounting. The program also prepares students for graduate schools and programs.

The objectives of the program are as follows:

1. To help students achieve a level of accounting knowledge and critical thinking skills appropriate for accounting professionals.
2. To help students achieve a minimum level of effective communication skills appropriate for accounting professionals.
3. To assist students in acquiring the ability to use technology in making professional business decisions and presentations.
4. To provide qualified accounting graduates to the public, private,

- and governmental sectors.
5. To provide a fundamental background in the area of accounting theories for students who wish to pursue advanced study and to counsel students in the planning for graduate studies.
 6. To promote research and dissemination of knowledge of developments in the accounting profession (eg., *Wall Street Journal* articles regarding FASB, SEC, or AICPA developments.)
 7. To encourage student interaction with the accounting profession.
 8. To analyze the financial accounting and reporting issues faced by multinational companies and the financial reporting principles and practices in countries other than the U.S.

Graduation Requirements

This degree program requires a minimum of 128 semester hours for completion.

82

Freshman Year

First Semester

ENG 101 English Comm I
 MAT 101 CollegeMath I
 ____ ____ Natural Sci Req
 FMC 101 Ed & Life Sem
 REA 101 Crit Think/Read
 PED 110 Dim of Wellness

Second Semester

3 ENG 102 English Comm II 3
 3 MAT 102 College Math II 3
 3 ____ ____ Natural Sci Req 3
 3 COM 103 Intro to Pub Speak 3
 3 ____ ____ African Amer Hist 3
 2 REL 101 Intro to Religion 3
 17 18

Sophomore Year

First Semester

ACC 211 Prin of Acctg I
 ____ 201 Foreign Lang Req
 ECO 201 Prin of Macroecon
 CSC 101 Intro to Computers
 ____ ____ History/Govt Req
 ____ ____ Social Science Req
 BUS 210 App Math for Bus or
 MAT 200 Applied Calculus

Second Semester

3 ACC 212 Prin of Acctg II 3
 3 ____ 202 Foreign Lang Req 3
 3 BUS 211 Prin of Mgmt 3
 3 BUS 215 Quant Mthds 3
 3 ____ ____ Humanities Req 3
 3
 3 18
 18

Junior Year

First Semester

ACC 311 Interm Acctg I
 BUS 320 Business Stat I
 BUS 311 Business Law I
 MAR 301 Prin of Marketing
 ECO 371 Mon & Cap Mkts

Second Semester

3 ACC 312 Interm Acctg II 3
 3 BUS 321 Business Stat II 3
 3 BUS 312 Business Law II 3
 3 BUS 394 Bus Ethics & Society 3
 3 FIN 301 Prin of Finance 3
 15 15

Senior Year

First Semester

ACC 411 Adv Accounting
 ACC 434 Fed Income Tax I
 BUS 450 Bus Internship & Seminar
 ACC 431 Auditing I

Second Semester

3 ACC 452 Cost Accounting 3
 3 App Acctg Elect 3
 3 ACC 454 Computer Acctg 3
 3 BUS 498 Senior Proj in Bus 3
 12 BUS 420 Operations Res 3
 15

Electives are:

ACC 432 Auditing II 3
 ACC 435 Fed Income Tax II 3
 ACC 455 International Accounting 3
 ACC 461 Governmental and Nonprofit Acctg 3
 ACC 487 Seminar in Accounting 3

Bachelor of Science in Business Administration

Mission of the Business Administration Program

The mission of the Business Administration program emphasizes management studies. It is designed to direct students toward an integrated approach to modern management, theory and practice, the changing nature of management, management in a changing global environment and creative problem solving. The approved electives provide career options in Financial and Human Resource Management, and International Business.

The objectives of the program are as follows:

1. To explain the relationship between human resources management and other functions within the organization.
2. To analyze the different sub-functions that are critical to the success of any organization.
3. To describe the strategic importance of human resources in today's global economy.
4. To explain the steps needed to create and launch a new business.
5. To integrate theory and practical business experiences needed to enhance the chances for success of a new business.
6. To analyze the components needed to strategically align an organization with its environment.
7. To explain the relationships of the functional areas within a business.
8. To analyze models of rational decision-making used in an organization.
9. To apply management concepts to organizations operating in an international arena.
10. To analyze components of international business, to include international trade and investment, foreign exchange, financial markets, and political and cultural interactions between multinational organizations and host countries.

Graduation Requirements

This degree program requires a minimum of 125 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
 MAT 101 College Math I
 _____ Natural Science Req
 FMC 101 Education & Life Sem
 REA 101 Critical Think/Read
 PED 110 Dimension of Wellness

Second Semester

3 ENG 102 English Comm II
 3 MAT 102 College Math II
 3 _____ Natural Science Req
 3 COM 103 Intro to Public Speak
 3 HIS __ African American Hist
 2 REL 101 Intro to Religion

Sophomore Year

First Semester

ACC 211 Principles of Acct I
 ____ 201 Foreign Lang Req
 ECO 201 Prin of Macroecon
 CSC 101 Intro to Computers
 BUS 210 Applied Math for Bus or
 MAT 200 Applied Calculus

Second Semester

ACC 212 Principles of Acct II
 ____ 202 Foreign Lang Req
 ECO 202 Prin of Microecon
 BUS 211 Prin of Mgmt
 BUS 215 Quant Mthds for Bus
 ____ ____ Humanities Req

3
 15

3
 18

Junior Year

First Semester

BUS 320 Business Statistics I
 BUS 311 Business Law I
 MAR 301 Prin of Marketing
 ECO 371 Money & Capital Mkts
 ____ ____ History/Govt Req
 ACC 352 Managerial Accounting

Second Semester

BUS 321 Business Statistics II
 BUS 350 Human Res Mgmt
 BUS 394 Bus Ethics & Society
 FIN 301 Prin of Finance
 ____ ____ Social Science Req

3
 18

3
 15

85

Senior Year

First Semester

BUS 450 Business Intern & Sem
 BUS 400 Entrepreneurship
 BUS 403 Strategic Management
 BUS 404 International Business
 ____ ____ Approved Business Elect

Second Semester

BUS 420 Operations Research
 ____ ____ App Business Elect
 BUS 361 Leadership Appl
 BUS 498 Senior Proj in Bus

3
 15

3
 12

Approved Electives are (ACC, BUS, ECO, MAR, CSC!):

ACC ____ Accounting Elective
 BUS 240 Intro to Hospitality Management
 BUS 310 Business Mathematics
 BUS 312 Business Law II
 BUS 344 Business Organization & Mgmt
 BUS 345 Business Comm & Tech Writing
 BUS 353 Principles of Insurance
 BUS 480 Managerial Psychology
 BUS 487 Seminar in Management
 FIN 493 Portfolio Analysis & Mgmt

3
 3
 3
 3
 3
 3
 3
 3
 3
 3

FIN 495	Futures & Options Markets	3
FIN 496	Financial Statement Analysis	3
FIN 497	Sem in Intl Money & Finance	3
ECO 302	Intermediate Microeconomics	3
ECO 310	History of Economic Thought	3
MAR 361	Retail Marketing	3
MAR 362	Personal Selling	3
MAR 363	Direct Marketing Management	3
MAR 395	Consumer Behavior	3
MAR 460	Advertising	3
MAR 461	Marketing Channels	3
MAR 462	International Marketing	3
MAR 463	Survey of E- Commerce	3
MAR 490	Service Marketing	3
MAR 495	Marketing Research	3
MAR 487	Seminar in Marketing	3
CSC ____	Computer Elective	3
	(beyond CSC 101)	

Bachelor of Science in Marketing

The Division offers a program leading to the Bachelor of Science degree in Marketing.

Mission of the Marketing Program

The mission of the Marketing program is to provide students with an understanding of the basic structures and processes of marketing, and assist them in developing the ability to analyze and deal with marketing problems and opportunities. The program prepares students for careers in marketing, and provides them the opportunity to pursue graduate studies. The Marketing program is intended to provide the students with necessary skills for performance of assigned duties in the fields of:

1. Marketing management
2. Marketing research

3. Industrial sales
4. Retail management

The objectives of the program are as follows:

1. To provide the knowledge and skills necessary for the application of marketing technology within an organization.
2. To aid the students in the development of marketing skills in order to facilitate the creation of successful marketing policies within a firm.
3. To enhance student abilities to conduct research, analyze data and report results through utilization of the latest marketing information and techniques.
4. To aid the student in the development of creative solutions to marketing problems within a business organization through the preparation of a professional report based on the practical application of marketing knowledge and field research.

Graduation Requirements

87

This degree program requires a minimum of 128 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I	3
MAT 101 College Math I	3
____ Natural Science Req	3
FMC 101 Education & Life Sem	3
REA 101 Critl Thinking & Read	3
PED 110 Dimension of Wellness	2
	<u>17</u>

Second Semester

ENG 102 English Comm II	3
MAT 102 College Math II	3
____ Natural Science Req	3
COM 103 Intro to Public Speak	3
HIS ____ African American Hist	3
REL 101 Intro to Religion	3
	<u>18</u>

Sophomore Year

First Semester

ACC 211 Principles of Acct I	3
____ 201 Foreign Lang Req	3
ECO 201 Prinof Macroecon	3
CSC 101 Intro to Computers	3

Second Semester

ACC 212 Principles of Acct I	3
____ 202 Foreign Lang Req	3
ECO 202 Prinof Microecon	3
BUS 211 Prin of Mgmt	3

BUS 210 Applied Math for Bus or	BUS 215 Quant Mthds for Bus	3
MAT 200 Applied Calculus	_____ Humanities Req	3
	<u>3</u>	<u>3</u>
	15	18

Junior Year

First Semester

BUS 320 Business Statistics I
BUS 311 Business Law I
MAR 301 Prin of Marketing
_____ History/Govt Req
ACC 352 Managerial Accounting
_____ Social Science Req

Second Semester

3 BUS 321 Business Statistics II	3
3 MAR 395 Consumer Behavior	3
3 BUS 394 Bus Ethics & Society	3
3 FIN 301 Prin of Finance	3
3 _____ Approved Mktg Elect	3
<u>3</u>	<u>15</u>
18	

Senior Year

First Semester

BUS 450 Business Intern & Sem
BUS 404 International Business
_____ Marketing Elective
ECO 371 Money & Capital Markets
MAR 495 Marketing Research

Second Semester

3 BUS 420 Operations Research	3
3 BUS 403 Strategic Management	3
3 _____ Marketing Elective	3
3 BUS 498 Senior Proj in Bus	3
<u>3</u>	<u>12</u>
15	

Marketing electives are:

BUS 400 Entrepreneurship	3
MAR 361 Retail Marketing	3
MAR 362 Personal Selling	3
MAR 363 Direct Marketing Management	3
MAR 460 Advertising	3
MAR 461 Marketing Channels	3
MAR 462 International Marketing	3
MAR 463 Survey of E-Commerce	3
MAR 490 Services Marketing	3
MAR 487 Seminar in Marketing	3

Pre-Hospitality Management Dual Program

The objective of the FMC/FIU Hospitality Management Program is to provide students the opportunity to obtain the Bachelor of Science Degree in Business Administration from FMC and the Bachelor of Science Degree in Hospitality Management or the Master of Science Degree in Hotel and Food Service Management from FIU.

Graduation Requirements

This degree program requires a minimum of 101 semester hours for completion at FMC.

Freshman Year

<u>First Semester</u>	<u>Second Semester</u>	
ENG 101 English Comm I	3 ENG 102 English Comm II	3
MAT 101 College Math I or	3 MAT 102 College Math II or	3
MAT 111 College Algebra	MAT 112 Pre-Calculus	
BIO 101 Biological Science	3 PSC 101 Physical Science	3
FMC 101 Education & Life Sem	3 CSC 101 Intro to Computers	3
REA 101 Critl Think/Read	3 HIS 200 History of USA	3
PED 110 Dim of Wellness	2 REL 101 Intro to Religion	3
	17	18

89

Sophomore Year

<u>First Semester</u>	<u>Second Semester</u>	
ACC 211 Principles of Acct I	3 ACC 212 Principles of Acct II	3
____ 201 Foreign Lang Req	3 ____ 202 Foreign Lang Req	3
ECO 202 Prin of Microecon	3 ENG 309 Adv Gram & Comp	3
PSY 200 Intro to Psychology	3 BUS 211 Prin of Mgmt	3
BUS 210 App Math for Bus or	BUS 215 Quant Mthds	3
MAT 200 Applied Calculus	3 ____ ____ Humanities Req	3
____ ____ African Amer Hist	3	18
	18	

Junior Year

<u>First Semester</u>	<u>Second Semester</u>	
BUS 320 Business Statistics I	3 BUS 321 Business Statistics II	3
BUS 311 Business Law I	3 BUS 312 Business Law II	3
MAR 301 Prin of Marketing	3 ____ ____ Approved Bus Elect	3

____ App Business Elect	3	FIN 301 Prin of Finance	3
BUS 240 Intro to Hospitality	<u>3</u>	ECO 371 Money & Cap Mkts	<u>3</u>
	15		15

Minor in Economics and Finance

A minor is available in Economics and Finance. A program of study in Economics and Finance serves as a foundation for students who have interest in pursuing graduate work or a career in these areas. For a minor in Economics, Business Administration majors must complete eighteen credit hours beyond ECO 201, ECO 202, and ECO 371 with a grade of "C" or better. These eighteen credit hours must include ECO 302, ECO 310, ECO 351, and ECO 457 plus two other economic electives. For a minor in Finance, Business Administration majors must complete eighteen credit hours with a grade of "C" or better. These eighteen credit hours must include FIN 301, BUS 493, BUS 495, BUS 496, BUS 497, plus an advanced course in Accounting.

90

Students should consult with the Division's Chairperson as soon as the decision to pursue a minor in Economics or Finance has been made. An agreement about specific courses to satisfy the minor requirements must be made during the application process. Students selecting a minor in Economics or Finance must adhere to the same entrance requirements as those pursuing a major in the division and must have a strong background in mathematics.

Minor in Economics

ECO 302 Intermediate Microeconomics	3
ECO 310 History of Economic Thought	3
ECO 351 Labor Economics	3
ECO 457 Urban Economics	3

Economic Electives

ECO 420 International Economics & Trade	3
ECO 475 Economics of Development	3
ECO 485 Environmental Economics	3

Minor in Finance

FIN 301	Business Finance	3
FIN 493	Portfolio Analysis & Management	3
FIN 495	Futures & Options Markets	3
FIN 496	Financial Statement Analysis	3
FIN 497	International Money & Finance	3
ACC ____	Advanced Course in Accounting*	3

*Approval of Advisor

Approved electives are (ACC, BUS, ECO, MAR, CSC¹):

ACC____	Accounting Elective	3	
BUS 240	Intro to Hospitality Management	3	
BUS 310	Business Mathematics	3	
BUS 312	Business Law II	3	
BUS 344	Business Organization & Mgmt	3	
BUS 345	Business Comm & Tech Writing	3	
BUS 353	Principles of Insurance	3	
BUS 480	Managerial Psychology	3	
BUS 487	Seminar in Management	3	
FIN 493	Portfolio Analysis & Management	3	
FIN 495	Futures & Options Markets	3	
FIN 496	Financial Statement Analysis	3	
FIN 497	Seminar in Intl Money & Finance	3	
ECO 302	Intermediate Microeconomics	3	
ECO 310	History of Economic Thought		3
MAR 361	Retail Marketing	3	
MAR 362	Personal Selling	3	
MAR 363	Direct Marketing Management	3	
MAR 395	Consumer Behavior		3
MAR 460	Advertising	3	
MAR 461	Marketing Channels	3	
MAR 462	International Marketing	3	
MAR 463	Survey of E- Commerce	3	
MAR 490	Service Marketing	3	
MAR 495	Marketing Research	3	

MAR 487 Seminar in Marketing	3
CSC ____ Computer Elective (beyond CSC 101)	3

Division of Education

92

The Division of Education offers majors in eleven **Florida State Approved Teacher Education Programs**: Biology (with certification), Elementary Education, Exceptional Student Education (K-12), Middle Grades English, General Sciences and Mathematics; Music Education (K-12); Physical Education (K-8 and 6-12); Secondary Education English and Mathematics. The Bachelor of Science degrees offered in these specialized fields along with the teacher education curriculum prepare students for a professional teaching career in the respective content areas. Additionally, minors are available in Education, Teachers of Speakers of Other Languages and Health Education.

The curricular offerings in the Professional Education Program provide opportunities to learn and practice appropriate theories, concepts, and strategies as defined in the Florida Essential Generic Competencies. The Professional Education Program provides teacher trainees with the skills and competencies necessary to be effective educators by emphasizing such areas as methodologies of instruction, classroom management, curriculum, assessment, field activities and internship experience. The curriculum developed for majors leading to teacher certification is based on the State Board of Education rules prescribed in Chapter 6A, 5FAC of the Department of Education for the State of Florida. The Division must make modification as mandated by the State.

Mission of the Division of Education

The Division of Education at Florida Memorial College's mission is to provide pre-service teachers with the knowledge and skills for successfully

educating all students to be productive members of society for the new millennium.

The Division trains and provides continued support to these prospective teachers and work effectively in a highly technological and multicultural environment that allows for the free exchange of knowledge, ideas and experiences that lead to the total development of each and all students.

To accomplish this end, the Division, through systematic and conscientious monitoring and evaluation of the program, requires the prospective teacher to exhibit behaviors through observable indicators, explicit competencies as set forth by both state and national standards. These competencies must be demonstrated in a school setting, as well as through successful completion of the state certification examination as evidence of mastery.

Admission to the Professional Education Program

The curriculum for the Professional Education Program is designed to be fulfilled in approximately two years after completion of the general education curriculum required by Florida Memorial College. Application for admittance into the Professional Education Program must be done at the end of the second semester sophomore year. Forms may be obtained from the Division of Education. To qualify for admittance, the student must satisfy the following requirements:

93

1. A minimum cumulative GPA of 2.5 at the completion of the core curriculum.
2. A passing score on all four subsections of the CLAST.
3. A composite GPA of 2.5 at the completion of EDU 203 and EDU 204 or 206.
4. An above average pre-student teaching evaluation.
5. A one page written statement of your "Reasons for Teacher Education Career Choice."
6. A Letter of Recommendation from a faculty advisor.
7. A successful interview with the Professional Education Program faculty committee.

Provisional status for admittance into the Professional Education Program may be granted for one academic semester to any student who has not met all the requirements for full admission. Provisional status will be granted at the discretion of the Professional Education Program faculty committee.

Admission to Teacher Education Internship

The culmination of the Professional Education Program concludes with the Education Internship. The internship experience provides the vehicle for teacher trainees to demonstrate teacher competencies by connecting the theoretical with the practical experiences through implementation of the teaching process. Application must be completed by the announced deadline one semester prior to the internship experience. Internship is done during the last semester of the senior year. Before applying for the internship, students must be fully accepted into the Professional Education Program, including passing all subsections of the CLAST (see above admission requirements). Students must also complete all required education courses except for EDU 450, ESE 448 or EDU 414. Acceptance into the Education Internship Program is granted by the Professional Education Program faculty committee. Additionally, to qualify for acceptance into the internship program, students must satisfy the following requirements:

94

1. An overall cumulative of GPA 2.5 or higher.
2. No grade below a C in any major course.
3. A typed one page essay on: "My Philosophy of Education."
4. Two letters of recommendation from Education Professors.
5. Successful completion of 120 clock hours in pre-student teaching experiences or its equivalent with above average evaluations.
6. Successful completion of the Professional section of the Florida Teacher Certification Examination (FTCE), and the Subject Area Examination.

Graduation Requirements

Before graduating from the Division of Education Professional Education Program, the student must have:

1. Completed all requirements for the Professional Education Program (see above admission requirements).
2. Passed all subsections of the CLAST.
3. Passed the professional section of the FTCE.
4. Completed graduation requirements.

5. Completed and submitted all appropriate materials for graduation with the Registrar. (Education programs are subject to change based on recommendations from the Florida Department of Education for program approval in order to meet certification requirements.)

Bachelor of Science in Biology *with Certification*

Graduation Requirements

This degree program requires a minimum of 156 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I	3
BIO 130 Prin of Biology	3
BIO 131 Principles of Biology Lab	1
MAT 111 College Algebra	3
FMC 101 Ed & Life Seminar	3
REA 101 Critical Think/Read	3
COM 103 Intro to Public Speak	<u>3</u>
	19

Second Semester

ENG 102 English Comm II	3
BIO 204 General Zoology	3
BIO 205 Genl Zoology Lab	1
MAT 112 Pre-Calculus	3
REL 201 Intro to Philosophy	3
HIS 103 African Amer Hist I	3
ENV 103 Earth Science	<u>3</u>
	19

95

Sophomore Year

First Semester

MAT 113 College Trigonometry	3
BIO 206 General Botany	3
BIO 207 General Botany Lab	1
CHE 110 General Chemistry I	4
CHE 111 General Chemistry I Lab	1
PSY 200 Intro to Psychology	3
____ Foreign Lang Req	3
EDU 203 Psych/Soc Foundations	<u>3</u>
	21

Second Semester

MAT 305 College Geometry	3
CHE 112 General Chemistry II	4
CHE 113 General Chem Lab III	
BIO 310 Genetics	3
BIO 311 Genetics Lab	1
____ Foreign Lang Req	3
EDU 313 Pre-Student Tchg	1
____ Social Science Req	3
____ Dim of Wellness	<u>2</u>
	22

Junior Year

First Semester

CHE 210 Organic Chemistry I	3
CHE 211 Organic Chemistry I Lab	1
PHY 201 College Physics I	3
PHY 202 College Physics I Lab	1
BIO 300 Vertebrate Physiology	3
BIO 301 Vertebrate Physiology Lab	1
_____ Multicultural Diversity	3
EDU 206 Tchg in Mid/Sec Sch	3
EDU 314 Pre-Student Tchg	<u>1</u>

20

Second Semester

CHE 212 Organic Chem II	3
CHE 213 Organic Chem II Lab	1
PHY 202 Coll Physics II	3
PHY 203 Coll Physics II Lab	1
BIO 320 Ecology	3
BIO 321 Ecology Lab	1
HIS 200 History of USA	3
_____ Humanities Req	3
NSC 450 Divisional Sem	<u>3</u>

19

Senior Year

First Semester

BIO 410 Microbiology	3
BIO 411 Microbiology Lab	1
BIO 420 Cell Biology	3
BIO 421 Cell Biology Lab	1
NSC 451 Divisional Sem II	1
EDU 419 Tchg Sci in Mid/Sec Sch	3
EDU 439 Test & Measurement	3
EDU 413 Curriculum Development	3
EDU 408 Classroom Management	3
EDU 315 Pre-Student Tchg	<u>1</u>

22

Second Semester

EDU 450 Stud Internship	9
EDU 402 MthdsTchg ESOL	3
EDU 406 Mthds Tchg Read	
in Mid/Sec School	<u>3</u>

15

Bachelor of Science in Elementary Education

The major in Elementary Education provides students with educational theory, methods of teaching and management principles and practices. Students who complete this major are prepared for further study at the graduate or professional school level.

Graduation Requirement

This degree program requires a minimum of 136 semester hours for

completion.

Freshman Year

First Semester

ENG 101 English Comm I
 BIO 101 Biological Science
 BIO 10_ Biological Sci Lab
 MAT 101 College Math I
 FMC 101 Ed & Life Seminar
 COM Intro to Public Speaking

Second Semester

ENG 102 English Comm II
 MAT 106 Intergrated Math
 PSC 101 Physical Science
 HIS 103 African American Hist I
 REL 201 Intro to Philosophy
 REA 101 Critical Think/Read

16

18

Sophomore Year

First Semester

ENG 201 World Lit I OR
 ENG 202 World Lit II OR
 ENG 308 African Amer Lit
 HIS 200 History of USA
 ENV 103 Earth Science
 EDU 203 Psych/Soc Found
 MAT 107 College Algebra I
 PSY 200 Intro to Psychology

Second Semester

EDU 303 Tchg Music E.S.
 EDU 204 Tchg in Elem Sch
 EDU 205 Multicultural Div
 EDU 313 Pre-Student Tchg
 EDU 324 Tchg Hlth & PE E.S.
 EDU 302 Tchg Science in E.S.
 _____ Humanities Req

3

3

18

19

97

Junior Year

First Semester

EDU 427 Lang Arts/Child Lit
 EDU 304 Tchg Soc Stud in E.S.
 ESO 401 Cult Comm
 EDU 305 Tchg Art in E.S.
 EDU 307 Tchg Math in E.S.
 EDU 314 Pre-Student Tchg
 _____ Foreign Lang Req

Second Semester

EDU 308 Tchg Rdg in E.S.
 ESO 403 Curr Mat & Dev
 ESE 430 Intro to Except Ed
 EDU 426 Content Reading
 ESO 402 Mthds of Tchg ESOL
 EDU 315 Pre-Student Tchg
 _____ Foreign Lang Req

19

19

Senior Year

First Semester

EDU 408 Classroom Mgmt
 ESE 448 Inclusive Coll Div Env
 ENG 460 Applied Linguistics
 EDU 411 Diagnosis & Remed

Second Semester

EDU 450 Ed Intership
 ESO 404 Test & Eval ESOL

3

12

EDU 439 Test and Measurement $\frac{3}{15}$

**Bachelor of Science in
Middle Grades English (5-9)**

The major in English Education provides students with educational theory, methods of teaching and management principles and practices.

This teacher preparation program has a broad foundation in many academic areas and specialization in English language and literature.

Students who complete this major are prepared for further study at the graduate or professional school level.

98

Graduation Requirements

This degree program requires a minimum of 141 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
MAT 101 College Math I	3	MAT 106 Integrated Math	3
COM 103 Intro to Public Speaking	3	PSC 101 Physical Science	3
BIO 101 Biological Science	3	HIS 103 African Amer History I	3
BIO 10 Biological Sci Lab	1	_____ Humanities Req	3
PED 110 Dim of Wellness	2	REA 101 Critical Think/Read	$\frac{3}{18}$
FMC 101 Ed & Life Seminar	$\frac{3}{18}$		

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 201 Worl Literature I	3	EDU 203 Psych/Soc Found	3
HIS 200 History of USA	3	EDU 206 Tchg in Mid & Sec Sch	3
ENV 103 Earth Science	3	EDU 205 Multicultural Div	3
MAT 107 College Algebra I	3	EDU 313 Pre-Student Tchg	1
_____ Foreign Lang Req	3	_____ Social Science Req	3

PSY 200 Intro to Psych	<u>3</u>	REL 201 Intro to Philosophy	3
	18	Foreign Language Req	<u>3</u>
			19

Junior Year

First Semester

EDU 308 Tchg Reading in E.S.	3
EDU 407 Language Arts & Child Lit	3
EDU 331 Instructional Technology	3
ENG 306 American Lit II	3
EDU 314 Pre-Stud Teaching	1
ENG 315 Adolescent Literature	3
ENG 304 British Literature II	<u>3</u>
	19

Second Semester

EDU 315 Pre-Student Tchg	1
ESO 401 Cultural Comm	3
ENG 407 Myth & Lit	3
EDU 403 Tchg Read Mid/ Sec	3
ENG 308 African Amer Lit	3
ENG 301 Adv Composition	3
ESO 402 Mthds Tchg ESOL	<u>3</u>
	19

Senior Year

First Semester

EDU 408 Classroom Management	3
ESO 403 Materials & Curriculum	3
ENG 460 Applied Linguistics	3
EDU 411 Diagnosis & Remediation	3
EDU 439 Test & Measurement	3
EDU 418 Tchg Eng in Mid & Sec	<u>3</u>
	18

Second Semester

EDU 450 Ed Internship	9
ESO 404 Test & Eval ESOL	<u>3</u>
	12

99

Bachelor of Science in Exceptional Student Education (Varying Exceptionalities)

The major in Exceptional Education is designed to provide students with educational theory, methods of teaching and management principles and practices. Students who complete this major are prepared for further study at the graduate or professional school level.

Graduation Requirements

This degree program requires a minimum of 150 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I	3
COM 103 Intro to Pub Speaking	3
MAT 101 College Mathematics I	3
FMC 101 Education & Life Sem	3
BIO 101 Biological Science	3
BIO Biological Science Lab	1
PED 110 Dimensions of Wellness	<u>2</u>
	18

Second Semester

ENG 102 English Comm II	3
REA 101 Critical Think/Reading	3
MAT 106 Integrated Math	3
PSC 101 Physical Science	3
REL 201 Intro to Philosophy	3
HIS 103 African American Hist I	<u>3</u>

18

Sophomore Year

First Semester

ENG 201 World Lit I OR	
ENG 202 World Lit II OR	
ENG 308 African Amer Lit	3
HIS 200 History of USA	3
ENV 103 Earth Science	3
EDU 203 Psych/Soc Found	3
MAT 107 College Algebra I	3
PSY 200 Intro to Psychology	3
_____ Foreign Lang Req	<u>3</u>
	21

Second Semester

EDU 303 Tchg Music E.S.	3
EDU 204 Tchg in Elem Sch	3
EDU 205 Multicultural Div	3
EDU 313 Pre-Student Tchg	1
EDU 324 Tchg Hlth & PE E.S.	3
EDU 302 Tchg Science in E.S.	3
_____ Humanities Req	3
_____ Foreign Lang Req	<u>3</u>

22

Junior Year

First Semester

EDU 427 Lang Arts/Child Lit	3
EDU 304 Tchg Soc Stud in E.S.	3
ESO 401 Cult Comm	3
EDU 305 Tchg Art in E.S.	3
EDU 307 Tchg Math in E.S.	3
EDU 314 Pre-Student Tchg	1
ESE 408 Beh Mgmt for Std VE	<u>3</u>
	19

Second Semester

EDU 308 Tchg Rdg in E.S.	3
ESO 403 Curr Mat & Dev	3
ESE 430 Intro to Except Ed	3
EDU 426 Content Reading	3
ESO 402 Mthds of Tchg ESOL	3
EDU 315 Pre-Student Tchg	1
ESE 435 Curr & Intr for M/M	3
ESE 434 Charct of VE	<u>3</u>

19

Senior Year

First Semester

ESO 403 Curriculum & Mat	3
ESE 448 Inclusive Coll Div Env	3
ESE 447 Adv Assessment of ESE	3
EDU 411 Diagnosis & Remed	3

Second Semester

EDU 450 Ed Internship	9
ESO 404 Test & Eval ESOL	3
ENG 460 App Linguistics	<u>3</u>

15

ESE 436 Curr & Mat Instr M/M 3
 EDU 439 Test and Measurement 3
 18

Bachelor of Science in Middle Grades General Science (5-9)

The major in Middle Grades General Science is designed to provide general science students with educational theory, methods of teaching and management principles and practices. Students who complete this major are prepared for further study at the graduate or professional school or teaching at the middle school level.

Graduation Requirements

This degree program requires a minimum of 135 semester hours for completion.

101

Freshman Year

First Semester

ENG 101 English Comm I 3
 ENV 103 Earth Science 3
 MAT 111 College Algebra 3
 FMC 101 Ed & Life Seminar 3
 REA 101 Critical Think/Read 3
 PED 110 Dim of Wellness 2
 17

Second Semester

ENG 102 English Comm II 3
 BIO 130 Prin of Biology 3
 BIO 131 Prin of Biology Lab 1
 MAT 112 Pre-Calculus 3
 PSC 101 Physical Science 3
 HIS 103 African Amer Hist I 3
 16

Sophomore Year

First Semester

MAT 305 College Geometry 3
 ____ Literature Req 3
 CHE 110 General Chemistry I 4
 CHE 111 General Chemistry I Lab 1
 PSY 200 Intro to Psychology 3
 17

Second Semester

PSY 200 Intro to Psychology 3
 CHE 112 General Chemistry II 4
 CHE 113 General Chem II Lab 1
 EDU 203 Psych/Soc Found 3
 EDU 205 Multicultural Div 3
 ____ Foreign Lang Req 3
 17

Junior Year**First Semester**

HIS 200 History of USA	3
ENV 101 Intro to Environ Science	3
PHY 201 College Physics I	3
PHY 202 College Physics I Lab	1
BIO 204 General Zoology	3
BIO 205 General Zoology Lab	1
EDU 206 Tchg in Mid/Sec Sch	3
EDU 313 Pre-Student Tchg	<u>1</u>
	18

Second Semester

BIO 206 General Botany I	3
BIO 207 General Botany Lab	1
EDU 331 Instructional Tech	3
REL 201 Intro to Philosophy	3
BIO 320 Ecology	3
BIO 321 Ecology Lab	1
____ Social Sci Req	3
EDU 314 Pre-Student Tchg	<u>1</u>
	18

Senior Year**First Semester**

BIO 310 Genetics	3
BIO 311 Genetics Lab	1
____ Humanities Req	3
EDU 419 Tchg Sci in Mid/Sec Sch	3
EDU 439 Test & Measurement	3
EDU 408 Classroom Management	3
EDU 315 Pre-Student Tchg	<u>1</u>
	17

Second Semester

EDU 450 Stud Internship	9
EDU 402 Mthds Tchg ESOL	3
EDU 406 Mthds Tchg Read	
in Mid/Sec School	<u>3</u>
	15

Bachelor of Science in Middle Grades Mathematics Education (5-9)

The major in Middle Grades Mathematics Education is designed to provide mathematics major students with educational theory, methods of teaching and management principles and practices. Students who complete this major are prepared for further study at the graduate level or for professional school or teaching at the middle school level.

Graduation Requirements

This degree program requires a minimum of 144 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I	3
BIO 130 Principles of Biology	3
BIO 131 Prin of Biology Lab	1
MAT 111 College Algebra	3
REA 101 Critical Think/ Reading	3
FMC 101 Ed & Life Seminar	3
____ Social Science Req	<u>3</u>
	19

Second Semester

ENG 102 English Comm II	3
CHE 110 General Chemistry	4
CHE 111 General Chem Lab	1
MAT 112 Pre-Calculus	3
MAT 113 College Trig	3
HIS 103 African Amer Hist I	<u>3</u>
	17

Sophomore Year

First Semester

COM 103 Intro to Public Speaking	3
ENV 103 Earth Science	3
MAT 201 Calculus	3
____ Foreign Language Req	3
PSY 200 Intro to Psychology	3
MAT 205 Probability & Statistics	<u>3</u>
	18

Second Semester

MAT 202 Calculus II	3
MAT 210 Discrete Math I	3
____ Foreign Lang Req	3
HIS 200 History of USA	3
EDU 314 Pre-Std Tchg Lab	1
REL 201 Intro to Philosophy	3
EDU 203 Psych/Soc Found	<u>3</u>
	19

103

Junior Year

First Semester

MAT 301 Calculus III	3
MAT 307 Number Theory	3
CSC ____ PASCAL, "C" or	
Program Lang	3
EDU 205 Multicultural Div	3
____ Mathematics Elect	3
EDU 206 Tchg in Mid & Sec	3
EDU 314 Pre-Student Tchg	<u>1</u>
	19

Second Semester

MAT 305 College Geometry	3
____ Humanities Req	3
____ Literature Req	3
MAT 303 History of Math	3
EDU 331 Instructional Tech	3
EDU 406 Read in Mid/Sec	3
EDU 315 Pre-Student Tchg	<u>1</u>
	19

Senior Year

First Semester

MAT 350 Linear Algebra	3
MAT 302 Multi-Variable Calculus	3
____ Mathematics Elect	3
MAT 403 Real Analysis OR	
MAT 406 Complex Variables	3
EDU 408 Classroom Management	3
EDU 439 Test & Measurement	3

Second Semester

EDU 450 Ed. Internship	9
ESO 402 Mthd Tchg ESOL	<u>3</u>
	12

EDU 423 Tchg Math in Mid Sch	<u>3</u>
	21

Bachelor of Science in
Music Education

The major in Music Education provides students with educational theory, methods of teaching and management principles and practices.

This teacher preparation program has a broad foundation in many academic areas and specialization in all general areas of Music.

Students who complete this major are prepared for further study at the graduate or professional school level.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
MAT 101 College Math I	3	MAT 106 Integrated Math	3
FMC 101 Education & Life Seminar	3	MUS 104 Class Piano II	1
MUS 103 Class Piano I	1	MUS 102 Structures of Music II	3
MUS 1__ Applied Music I	1	MUS 1__ Applied Music II	1
MUS 1__ Ensemble	1	MUS 1__ Ensemble	1
MUS 101 Structures of Music I	<u>3</u>	REA 101 Critical Think/Read	3
	15	PED 110 Dim of Wellness	<u>2</u>
			17

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
COM 103Intro to Prof Speaking	3	HIS 103 African Amer Hist I	3
REL 201 Intro to Philosophy	3	PSY 200 Intro to Psychology	3
____ Foreign Lang Req	1	EDU 314 Pre-Stud Tchg	1
MUS 201 Structures of Music III	3	MUS 203Struct of Mus IV	3
MUS III Sight Sing/Reading	3	MUS 238Vocal Techniques	1
MUS 2__ Applied Music III	1	PSC 101 Physical Science	3
MUS 2__ Ensemble	1	____ Foreign Language Req	3
EDU 313 Pre-Stud Tchg	<u>3</u>	MUS 2__ Applied Music III	1
	18	MUS 2__ Ensemble	<u>3</u>
			21

Junior Year

First Semester

EDU 315 Pre-Student Tchg Lab III
 ENV 101 Earth Science
 ENG ____ Literature Elective
 EDU 203 Psych/Soc Foundations
 ____ Foreign Language Req
 MUS 209 History of Music I
 MUS 3__ Applied ____
 MUS 3__ Ensemble
 MAT 107 College Algebra I
 EDU 331 Intructional Technology

Second Semester

1 EDU 439 Test and Measurement 3
 3 EDU 303 Tchg Mus Elem Sch 3
 3 EDU 205 Multicultural Div 3
 3 MUS 3____ Ensemble 1
 3 BIO 101 Biological Science 3
 3 BIO 131 Prin of Biology Lab 3
 2 MUS 3__ Applied ____ 2
 1 MUS 210 Hist of Music II 3
 3 EDU 403 Reading in Content 3
 3 24

25

Senior Year

First Semester

MUS 487 Applied Music Rec
 MUS 4__ Applied ____
 MUS 4__ ____ Ensemble
 MUS 363 Instrumental Methods
 EDU 408 Classroom Management
 EDU 416 Music in Mid and Sec Sch
 ____ Humanities Req
 HIS 200 History of USA
 MUS 337 Acoustic Elect Signal I

Second Semester

1 MUS 463 Found of Mus Ed 3
 2 EDU 450 Internship 9
 1 MUS 312 Conducting 3
 3 ESO 402 Mthds of Tchg ESOL 3
 3 18

18

105

Bachelor of Science in Physical Education (K - 8)

The major in Physical Education is designed to prepare students to develop technical skills and knowledge in the area of physical education while emphasizing the psychomotor domain. Students who complete a major in physical education will be prepared to teach or to do advanced study.

Graduation Requirements

This degree program requires a minimum of 130 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
PED 110 Dim of Wellness
MAT 102 College Math II
FMC 101 Education & Life Sem
BIO 101 Biological Science
BIO 131 Principles of Biology Lab

Second Semester

ENG 102 English Comm II
REA 101 Critical Think/Read
MAT 106 Intergrated Math
PSC101 Physical Science
HIS 103 African American Hist I
COM 103 Intro to Prof Speaking

14

18

Sophomore Year

First Semester

____ Literature Req
____ Foreign Lang Req
HIS 200 History of USA
REL 201 Intro to Philosophy
ENV 103 Environmental Science
MAT 107 College Algebra
PED 210 Swimming or
PED 212 Advanced Swimming

Second Semester

____ Social Science Req
____ Foreign Language Req
EDU 203 Psych/Soc Foundations
BIO 200 Human Anatomy & Phys3
BIO 201 Human Anat & Phys Lab I
EDU 314 Pre-Stud Tchg Lab II

2
20

Junior Year

First Semester

EDU 204 Tchg in Elem School
EDU 313 Pre-Stud Tchg Lab III
EDU 205 Multicultural Diversity
PED 326 Modern Dancing
PED 314 Social and Communit Hlth
PED 311 Hist & Prin of Phys Ed
PED 315 Play & Community Rec

Second Semester

EDU 331 Instructional Tech
EDU 314 Pre-Stud Tchg Lab
PED 401 Org Admin of PE
PED 407 Exercise Physiology
PED 403 Adaptive & Corrective
PED 322 Theory of Coach & Off

2
17

15

Senior Year

First Semester

EDU 408 Classroom Mgmt
EDU 412 Tchg Hlth of PE K-12
PED 411 Psychomotor Learning
EDU 439 Test & Measurement

Second Semester

EDU 450 Student Internship
EDU 406 Tchg Reading
Mid & Sec School

3
12

PED 408 Kinesiology	3
EDU 315 Pre-Student Tchg	1
ESO 402 Mthds of Tchg ESOL	<u>3</u>
	19

Bachelor of Science in Physical Education (6 – 12)

Graduation Requirements

This degree program requires a minimum of 135 semester hours for completion.

Freshman Year

<u>First Semester</u>	<u>Second Semester</u>	
ENG 101 English Comm I	3 ENG 102 English Comm II	3
COM 103 Intro to Pub Speaking	3 REA 101 Critical Think/Read	3
MAT 101 College Math I	3 MAT 102 College Math II	3
FMC 101 Ed & Life Seminar	3 ____ 101 Natural Science Req	3
PED 110 Dim of Wellness	2 HIS 103 African Amer Hist I	3
PED 210 Swimming or	PED 213 Safety & First Aid	<u>2</u>
PED 212 Advanced Swimming		17
		<u>1</u>
		18

107

Sophomore Year

<u>First Semester</u>	<u>Second Semester</u>	
____ ____ Foreign Lang Req	3 PSY 200 Intro to Psychology	3
____ ____ Natural Science Req	3 EDU 313 Pre-Student Tchg Lab I	1
EDU 331 Instructional Tech	3 ____ ____ Social Science Req	3
EDU 203 Psych/Soc Found	3 ____ ____ Foreign Language Req	3
PED 327 Gym/ Stunts/Tumbling	2 BIO 200 Hum Anat & Phys	3
EDU 205 Multicultural Div	<u>3</u> BIO 201 Hum Anat & Phys Lab	1
	17 EDU 314 Pre-Student Teaching	1
	____ ____ Humanities Req	<u>3</u>
		18

Junior Year

<u>First Semester</u>	<u>Second Semester</u>	
PED 403 Adaptive and Correct	3 ____ ____ Humanities Req	3
EDU 315 Pre-Stud Teaching	1 PED 323 Individual & Grp Act	3
PED 327 Gym, Stunts & Tumb	2 PED 314 Social & Comm Hth	3
PED 311 History & Principles	3 PED 326 Modern Dance	2

PED 322 Theory of Coach & Offi	3	PED 401 Organ & Admin of PE	3
REL 101 Introduction to Religion	3	PED 407 Exercise Physiology	3
	15	PED 408 Kinesiology	<u>3</u>
			20

Senior Year

First Semester

EDU 408 Classroom Mgmt	3
EDU 413 Curriculum Dev	3
PED 411 Psychomotor Learning	3
EDU 412 Tchg Hlth & PE K-12	3
EDU 439 Test & Measurement	3
PED 410 Care & Prevention	<u>3</u>

Second Semester

EDU 450 Student Internship	9
EDU 414 New Trends in Education	<u>3</u>
	12

18

Bachelor of Science in Secondary English Education (6-12)

108

The major in Secondary English Education provides students with educational theory, methods of teaching and management principles and practices.

This teacher preparation program has a broad foundation in many academic areas and specialization in English language and literature.

Students who complete this major are prepared for further study at the graduate or professional school level.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I	3
MAT 101 College Math I	3
HIS 101 World Civilization I	3

Second Semester

ENG 102 English Comm II	3
MAT 102 College Math II	3
REA 101 Critical Think/Read	3

REL 101 Intro to Religion	3	HIS 103 African Amer Hist I	3
COM 103 Intro to Pub Speak	3	ENG 306 Business & Prof Speak	3
FMC 101 Ed & Life Seminar	<u>3</u>	PED 110 Dim of Wellness	<u>2</u>
	18		17

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 201 World Literature I	3	ENG 202 World Literature II	3
____ Natural Science Req	3	____ Natural Science Req	3
REL 201 Intro to Philosophy	3	PSY 200 Intro to Psychology	3
____ Foreign Lang Req	3	EDU 331 Instructional Tech	3
EDU 203 Psych/Soc Found	3	____ Foreign Lang Req	3
HIS 102 World Civilization II	<u>3</u>	EDU 206 Tchg in Mid/Sec Sch	<u>3</u>
	18		18

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 301 Advance Composition	3	MAT III College Algebra	3
EDU 403 Tchg Read Mid & Sec	3	ENG 304 British Literature II	3
EDU 439 Test & Measurement	3	ENG 306 American Literature II	3
EDU 205 Multi-Cultural Diversity	3	ENG 309 Adv Gram & Comp	3
EDU 310 Adolescent Literature	3	EDU 408 Classroom Mgmt	3
EDU 313 Pre-Stud Tchg Lab I	1	EDU 314 Pre-Stud Tchg Lab II	1
____ Social Science Req	<u>3</u>	EDU 411 Diagnosis & Remed	<u>3</u>
	19		19

109

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 308 African American Lit	3	ENG 460 Applied Linguistics	3
ENG 344 Contemporary Poetry	3	EDU 315 Pre-Stud Teaching	1
____ Humanities Req	3	EDU 450 Student Internship	<u>2</u>
ENG 405 Creative Writing	3		13
EDU 413 Curriculum Dev	3		
EDU 418 Tchg Eng in Mid & Sec	<u>3</u>		
	18		

Bachelor of Science in Secondary Mathematics Education (6-12)

The major in Secondary Mathematics Education is designed to provide mathematics major students with educational theory, methods of teaching

and management principles and practices. Students who complete this major are prepared for further study at the graduate level or for professional school or teaching at the secondary school level.

Graduation Requirements

This degree program requires a minimum of 127 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
 ____ ____ Natural Science Req
 ____ ____ Nat Science Req Lab
 MAT 111 College Algebra
 REA 101 Critical Thinking/Read
 FMC 101 Ed & Life Seminar

Second Semester

3 ENG 102 English Comm II
 3 PED 110 Dimension of Wellness
 1 ____ ____ Natural Science Req
 3 ____ ____ Natural Science Req Lab
 3 MAT 112 Pre-Calculus
 3 MAT 113 College Trigonometry
 16 HIS 103 African American Hist
 18

110

Sophomore Year

First Semester

COM 103 Intro to Prof Speaking
 MAT 201 Calculus I
 MAT 205 Intro to Prob & Stat
 ____ ____ Foreign Lang Req
 EDU 203 Psych/Soc Found
 EDU 203 Tchg in Mid/Sec Sch

Second Semester

3 REL 101 Intro to Religion
 3 MAT 202 Calculus II
 3 MAT 210 Discrete Math I
 3 ____ ____ Foreign Language Req
 3 EDU 205 Multicultural Diversity
 3 EDU 313 Pre-Student Tchg Lab I
 18 ____ ____ History/Govt Req
 19

Junior Year

First Semester

MAT 301 Calculus III
 MAT 402 Adv Calc or
 MAT 403 Real Analysis or
 MAT 406 Complex Variables
 MAT 207 Number Theory
 CSC ____ PASCAL, C, or
 ____ ____ Programming, Lang
 ____ ____ Humanities Req
 EDU 314 Pre-Student Tchg

Second Semester

3 MAT 305 College Geometry
 MAT 350 Linear Algebra I
 MAT 303 History of Mathematics
 3 MAT 309 Intro to Mod Algebra
 3 EDU 206 Tchg in Mid/Sec Sch
 EDU 315 Pre-Student Tchg II
 16

16

Senior Year

First Semester

MAT 302 Multi-variable Calculus	3
EDU 408 Classroom Mgmt	3
EDU 413 Curriculum Dev	3
EDU 439 Tests & Measurement	3
EDU 423 Tchg Math in Sec Sch	3
MAT 402 Adv Calc or	
MAT 403 Real Analysis or	
MAT 406 Complex Variables	<u>3</u>
	18

Second Semester

Social Science Req	3
EDU 450 Student Internship	9
EDU 414 New Trends in Ed	<u>3</u>
	15

Minor in Education

Students seeking a minor in education (for majors not seeking certification) will complete a minimum of 18 credits listed in the core requirements below and 2 electives. All courses are to be selected by the student in consultation with a divisional advisor and must be completed with a grade of C or higher. Students planning to minor in education should consult a departmental advisor as early as possible.

III

Core Requirements

EDU 203 Soc. & Psych. Found. of Ed.	3
EDU 204 Teaching in Elementary School or	3
EDU 206 Teaching in Middle & Sec School	3
EDU 205 Multicultural Diversity	3
EDU 313 Pre-Student Teaching	1
EDU 413 Curriculum Development	3

Students may choose a minimum of two of the following courses.

EDU 301 Tchg Lang. Arts in the Elem. Sch.	3
EDU 302 Tchg Science in the Elem. Sch.	3
EDU 303 Tchg Music in the Elem. Sch.	3
EDU 304 Tchg Soc. Studies in the Elem. Sch.	3
EDU 305 Tchg Art in the Elem. Sch.	3
EDU 307 Tchg Mathematics in the Elem. Sch.	3
EDU 308 Tchg Reading in the Elem. Sch.	3

EDU 309 Children's Literature	3
EDU 324 Tchg. Hlth & PE in the Elem Sch.	3
EDU 408 Classroom Management	3
or EDU course specific or a subject area	

Minor in Health Education

Students seeking a minor in health education will complete a minimum of 18 credit hours listed in the core curriculum below. All classes are to be selected by the student in consultation with a divisional advisor and must be completed with a grade of "C" or higher.

Core Requirements

PED 314 Social and Community Health	3
BIO 200 Human Anatomy & Physiology	3
BIO 201 Human Anatomy & Physiology Lab	1
HED 221 Nutritional Health	3

112

Students may choose a minimum of 2 of the following courses.

PED 213 Safety & First Aid	2
PED 202 Personal Hygiene & Fitness	1
HED 211 Human Sexuality	3
HED 231 Substance Abuse	3
HED 311 Communicable Disease	3
HED 321 Environmental Health	3
HED 411 Mental & Emotional Health	3
HED 421 Consumer Health	3

Certification requirements for the following areas are also available through the division of education.

Health Education	Music
Spanish	Mathematics
Biology	Mid. Grades Gen. Science

English

Minor in Teachers of Speakers of Other Languages (TESOL)

Students seeking a minor in Teachers of Speakers of Other Languages will complete a minimum of 18 credit hours listed below. All classes must be completed with a grade of "C" or higher.

EDU 205 Multicultural Diversity	3
ESO 401 Cultural Comm & Understanding	3
ESO 402 Methodology of Teaching ESO	3
ESO 403 Curriculum and Materials Dev	3
ESO 404 Testing and Evaluation in ESO	3
ENG 460 Applied Linguistics	3

Division of Extension and Continuing Education

The Division of Extension and Continuing Education is responsible for administering the following programs: the off-campus centers, the Weekend College, Dewitt Wallace-Reader's Digest - Professional Area Certification, non-degree courses, credit for life experience opportunity and continuing education units. In addition, the division offers the Bachelor of Arts degree in Interdisciplinary Studies for working adults.

Objectives of the Division

Overall, the purpose of this division is to enrich, expand and extend the college's primary mission of teaching and service:

1. To maintain a curriculum that meets the needs of working adults.
2. To provide instructions, exercises and assignments to meet the needs of the mature life-long learners.
3. To offer courses at Off-Campus sites to facilitate the continuing education efforts of working adults.

4. To offer professional seminars, symposiums and workshops for particular clientele.
5. To provide a forum for the enrichment of individuals through a lecture/artist series that encourages dialogue relative to problems and remedies to the problems affecting local, county, state, and national communities.
6. To offer Continuing Education Units (CEU's), for non-credit activities addressing identified needs of many unique audiences.
7. To offer Credit for Life Experiences Opportunity (CLEO) that are comparable and applicable to credit offered by the college.
8. To provide specialized Professional Education Area Certification (PEAC) courses for **eligible teachers** appropriate for meeting certification and recertification requirements.
9. To assist the students in understanding the role of the Division of Extension and Continuing Education.
10. To provide students with information pertaining to Interdisciplinary Studies degree program.
11. To prepare the students for graduate and professional school.

Divisional Mission Statement

The Division of Extension and Continuing Education (DECE) serves to facilitate the College's degree-granting institutions in the provision of educational opportunities and other experiential learning programs for traditional and non-traditional learners, and to serve as the catalyst for various interest groups in meeting professional and personal development needs. The Division is responsible for the College's off-campus centers; the Weekend College program; DeWitt Wallace-Reader's Digest program; Professional Education Area Certification (PEAC); Credit for Life Experience Opportunity (CLEO); Continuing Education Units (CEU); and non-degree courses. In addition, the Division offers a Bachelor of Arts degree in Interdisciplinary Studies for working adults.

Credit for Life Experience Opportunity - CLEO

Credit for Life Experience Opportunity (CLEO) program offers a student the opportunity to seek college credits by attending a required 3 credit hour portfolio seminar and submitting a portfolio that demonstrates life experience learning acquired through professional work experience. The

portfolio must satisfy requirements established by the division. A maximum of 27 additional credits may be granted through evaluation of the portfolio by members of the Florida Memorial College Faculty.

Continuing Education Units

The College offers working professionals the opportunity to earn Continuing Education Units (CEU's) upon successful completion of workshops, conferences, seminars and the like. CEU's may be obtained through course offerings structured to serve the specific learning needs of a client group.

Bachelor of Arts in Interdisciplinary Studies

The Bachelor of Arts in Interdisciplinary Studies is designed for working adults whose educational goals can be achieved by combining courses from various divisions at the College. To be accepted into the Interdisciplinary Studies program students must:

115

- Be working adults
- Apply to the Chairperson, Division of Extension and Continuing Education
- Submit a written statement of goals for the interdisciplinary studies program and
- Outline course work that will be completed in each division

The application will be reviewed by an Interdisciplinary Program Committee, which will make a recommendation upon approval to the division chair. The Interdisciplinary Studies program requirements will be approved by an Interdisciplinary Program Committee. A minimum of 45 credits in courses numbered 300 or above shall come from the Social Sciences, humanities and business disciplines. The credit distribution in the core courses are as follows: SOCIAL SCIENCES - 18 credits; HUMANITIES - 18 credits; and BUSINESS - 9 credits.

Graduation Requirements

This degree program requires a minimum of 125 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
MAT 101 College Math I	3	MAT 102 College Math II	3
FMC 101 Ed and Life Seminar	3	REA 101 Critical Think/Read	3
___ ___ Natural Science Req	3	___ ___ Natural Science Req	3
REL 101 Introduction to Religion	<u>3</u>	CSC 101 Intro to Computers	<u>3</u>
	15		15

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
COM 103 Intro to Public Speaking	3	___ ___ Social Science Req	3
PED 110 Dim of Wellness	2	___ ___ Humanities Req	3
___ ___ Humanities Req	3	___ ___ Foreign Lang Req	3
HIS 103 African Amer History I	3	___ ___ History/Govt Req	<u>3</u>
___ ___ Foreign Lang Req	<u>3</u>		12
	14		

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
SOC 303 Social Problems	3	COM 318 Pub Relations Writing	3
PAD 306 Administrative Beh	3	SOC 306 Urban Social Mvmt	3
ENG 314 Bus & Prof Speak	3	SOC 307 Community Org	3
ENG 309 Adv Gramm& Comp	3	POL 337 Pub Policy Analysis	3
BUS 211 Principles of Mgmt	3	COM 311 Voice & Diction	3
BUS 350 Human Res Mgmt	<u>3</u>	___ ___ Approved Elective	<u>3</u>
	18		18

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
PSY 402 Clinic Interv& Beh	3	___ ___ Approved Elective	3
COM 421 Public Relations Camp	3	___ ___ Approved Elective	3

COM 331 Fund Raising & Dev	3	_____	Approved Elective	3
_____ Approved Elective	3	_____	Approved Elective	3
_____ Approved Elective	3	_____	Senior Project*	3

Senior Project (BUS 398, SSC 423, COM 495, ENG 495, or REL 495)
 Senior Project must coincide with the student's declared TRACK
Approved Electives (*select from 1 of the following tracks*)

Track A

Business Concentration

BUS 311 Business Law I
 BUS 312 Business Law II
 BUS 345 Bus Comm & Tech Writ
 BUS 353 Principles of Insurance
 BUS 350 Human Resource Mgmt
 BUS 355 Principles of Real Estate
 BUS 400 Entrepreneurship
 BUS 404 International Business
 BUS 480 Managerial Psychology
 MAR 301 Marketing

Track B

Social Sciences Concentration

SOC 305 Group Dynamics
 SOC 308 Urban Sociology
 PAD 301 Con & Issues of PAD
 PSY 406 Social Psychology
 SOC 403 Marriage and Family
 CRJ 407 Constitutional Law I
 CRJ 408 Constitutional Law II
 GEO 304 Population Studies
 POL 338 Admin of Soc Sci

Track C

Humanities Concentration

ENG 301 Adv Composition or
 SPA 308 Adv Spanish Comp
 ENG 309 Adv Gram & Comp or
 SPA 311 Adv Spanish Grammar
 _____ Spanish Literature
 or
 _____ English Literature
 _____ Spanish Literature
 or
 _____ English Literature
 SPA 312 Peninsula Cult & Civ
 SPA 313 Hisp Amer Cult & Civ

SPA 309 Business Spanish or
 FRE 309 Business French
 SPA 319 Adv Span Rdg & Con
 REL 303 Greek I
 REL 313 Life & Ltrs of Paul
 REL 322 Christian History
 REL 353 Church Leadership
 REL 401 Christian Education
 REL 432 Christian Ethics
 REL 434 Life of Christ
 REL 435 Pastoral Counseling

Division of Humanities

The Division of Humanities offers majors in four programs: Communications (Public Relations), English, Music (Church, Instrumental, Jazz, Popular and Vocal), and Religion and Philosophy. These programs prepare students for further study at the graduate or professional school level as well as for entry into professional careers in their chosen fields of endeavor. The several disciplines of the humanities are unified by the fact of their being varied and symbolic ways of communicating—sharing—human experience and, therefore, human knowledge. The humanities are the mirror and repository of culture. Like cultural institutions they serve human needs. The Division of Humanities prepares students to compete successfully in the global cultural and economic community.

Divisional Mission Statement

118

The several disciplines of the Humanities -- Communications, English, Music and Religion & Philosophy are unified and integral by their being varied and emblematic ways of communicating and sharing human experience and knowledge. The Humanities are the mirror and repository of culture. The Division of Humanities prepares students to compete successfully in an evolutionary global, cultural and economic community.

Objectives of the Division

1. To provide formal instruction to students who want to pursue careers in humanities professions;
2. To develop awareness and understanding of the role of professionals in a complex and evolving societies
3. To develop ideals and attitudes in students leading to professional actions that are ethically sound and integral to societal demands;
4. To prepare students for admission to graduate or professional schools and theological seminaries;
5. To inspire the desire and hone abilities to develop and maintain high standards of performance in spoken and written communication and in computational skills;

6. To develop the necessary skills to effectively practice in Humanities.

Divisional Graduation Requirements

1. Successful completion of graduation requirements for undergraduates as identified under Academic Affairs of this catalog.
2. Successful completion of the Communications, English, Music or Religion and Philosophy required courses with a grade of "C" or better and an overall GPA of 2.0
3. Appropriate materials for graduation filed with the Registrar.

Bachelor of Science in Communications

The Bachelor of Science degree in Communications (Public Relations) prepares students for various career activities dealing with the creation of public relations materials and managing and directing public relations organizations. The Communications program at Florida Memorial College provides students opportunities to develop communication and critical thinking skills and to exploit these skills in the global marketplace. Communications majors should become active members of "Toastmasters" and should develop speaking proficiency in Spanish if residing permanently in Dade County.

119

Graduation Requirements

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 Eng Comm I	3	ENG 102 Eng Comm II	3
MAT 101 College Math I	3	MAT 102 College Math II	3
FMC 101 Ed & Life Sem	3	___ ___ Natural Science Req	3
REA 101 Critical Think/Read	3	COM 306 Bus & Prof Speaking	3
COM 103 Intro to Pub Speaking	3	PED 110 Dim Of Wellness	<u>2</u>
CSC 101 Intro to Computers	<u>3</u>		14
	15		

Sophomore Year

First Semester

REL 101 Intro to Religion
 ____ ____ Foreign Lang Req
 POL 301 U.S. Government
 ____ ____ Social Science Req
 COM 301 Survey of Mass Comm

Second Semester

3 HIS 103 African American Hist or 3
 3 HIS 104 African American Hist II
 3 ____ ____ Natural Sci Req 3
 3 ____ ____ Foreign Lang Req 3
 ____ ____ Humanities Req 3
 15 ____ ____ Humanities Req 3

15

Junior Year

First Semester

COM 203 Newswriting & Report
 COM 294 Writing for Elect Media
 COM 309 Fund. Radio/TV Prod
 COM 314 Principles of Pub Rel
 COM 306 Bus & Prof Speaking
 ____ ____ Marketing Elective

Second Semester

3 COM 317 Publications Design 3
 3 COM 205 Pub Relations Writing 3
 3 COM 319 Int'l Mass Comm 3
 3 COM 308 Voice & Diction 3
 ____ ____ Business Elective 3

3

15

18

120

Senior Year

First Semester

COM 325 Public Opinion/Prop
 COM 423 Public Rel Campaigns
 COM 442 Media Law/Ethics
 COM 323 Organ Comm or
 COM 320 Int'l Public Relations
 ____ ____ Major/Minor Elect

Second Semester

3 COM 318 Case Studies in PR 3
 3 COM 494 Public Relations Intern 3
 3 COM 495 Senior Project 3
 3 COM 344 Diversity/Mass Comm 3
 ____ ____ Major/Minor Elective 3

3

15

15

Recommended Electives

ENG 308 African American Literature
 ENG 342 Contemporary Fiction
 ENG 344 Contemporary Poetry
 ENG 346 Contemporary Drama
 HIS 335 Africa in the Modern World

HIS 350 History of the Caribbean
HIS 400 History of Non-Western World
HIS 405 Women in U.S. History
HIS 410 History of Florida and South
PAD 304 Public Personnel Administration
POL 430 Research in Political Science
POL 436 Political Theory
BUS 320 Business Statistics I
BUS 345 Business Communications
BUS 350 Human Resource Management
ECO 200 Intro to Economics
MAR 460 Advertising
BUS 480 Managerial Psychology

Bachelor of Arts in English

121

Literature mirrors life and sets forth examples and patterns for existence. Within the context of literature, themes emerge that establish the universality of Being. Through reading about the lives of others, we can connect to whom we are and whom we want to become. Growth is an on-going process.

Majoring in English is a gateway to the future. In a time of rapid change, both the private and public sectors need people who can think and adapt. As new problems arise, in everything from the environment to international crises, we need people who can do everything from understanding how to get people to conserve energy to speaking a foreign language. The world needs creative problem-solvers, and there are plenty of careers waiting for individuals who want those kinds of challenges.

The Bachelor of Arts degree in English prepares students for a broad spectrum of positions within the varied fields of communications. The English program at Florida Memorial College provides all students with opportunities to enhance their communication and critical thinking skills. The English major provides an important foundation in the humanities for students entering fields such as business, communications, education, and law. Divisional offerings prepare students for graduate study in English language and literature. The Division offers three minors for the English

major--Communications, French and Spanish--in order to ensure a better understanding of the fundamentals in the communication process. Upon recommendation of the English advisor, students may minor in other disciplines. Students interested in teaching English need to pursue certification by taking a minor in Education.

Graduation Requirements

This degree program requires a minimum of 125 semester hours for completion, 36 of these hours need to be in English courses listed 200 level and above; 18 of these hours need to be in the minor.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
MAT 101 College Math I	3	MAT 102 College Mathematics II	3
CSC 101 Intro to Computer	3	REA 101 Critical Think/Read or	3
REL 101 Introduction to Religion	3	ENG ____ (Approved) Lit course	3
COM 103 Intro to Public Speaking	3	____ African Amer Hist I	3
FMC 101 Ed & Life Seminar	3	PED 110 Dim of Wellness	2
	18		17

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Contemp Society	3	____ Social Science Req	3
ENG 201 World Literature I or	3	ENG 202 World Literature II or	3
ENG 212 Ethnic American Lit		ENG 297 Caribbean Literature	
____ Natural Science Req	3	____ Natural Science Req	3
REL 101 Intro to Religion	3	____ Social Science Req	3
____ Foreign Lang Req	3	____ Foreign Lang Req	3
	15		15

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 309 Adv Gramm & Comp or		HIS 200 History of the USA	3
ENG 301 Adv Comp & Rhetoric	3	ENG ____ Major Requirement	3
ENG ____ Major Requirement	3	ENG ____ Major Requirement	3
ENG ____ Major Requirement	3	____ 302 Intermediate Lang	3
____ 301 Intermediate Lang	3	ENG 308 African Amer Lit or	3
____ Humanities Req	3	ENG 316 African Amer Women	15
	15	Writers or	

ENG 355 The Harlem Renaissance

Senior Year

First Semester

ENG ____ Major Requirement
 ENG ____ Major Requirement
 ____ ____ Major/Minor Elective
 ____ ____ Major/Minor Elective
 ____ ____ Major/Minor Elective
 ENG 403 Shakespeare

Second Semester

ENG 495 Senior Project
 ____ ____ Major/Minor Elective
 ____ ____ Major/Minor Elective
 ____ ____ Major/Minor Elective
 ____ ____ Major/Minor Elective
 ____ ____ Major/Minor Elective

18

15

Recommended Electives

Group I (choose 9 cr)

ENG 303 British Literature I
 ENG 304 British Literature II
 ENG 305 American Literature I
 ENG 371 Contemporary Drama or
 ENG 340 American Literature

Group II (choose 9 cr)

ENG 351 Contemporary Poetry
 ENG 361 Contemporary Fiction or
 ENG 306 American Literature II
 ENG 406 The Novel
 ENG 444 Mythology

123

Group III (choose 3 cr)

ENG 401 Renaissance Literature
 ENG 402 Romantic Literature
 (1800-1865)
 ENG 404 Victorian Literature

Group IV (choose 3 cr)

ENG 455 American Literature
 ENG 456 American Literature
 (1865- 1914)
 ENG 457 American Literature
 (1914-1945)

Major/Minor Electives

(Recommendation of Advisor)

ENG 212 Ethnic American Lit
 ENG 297 Caribbean Literature
 ENG 310 Study Abroad
 ENG 315 Adolescent Literature
 ENG 383 Literary Criticism
 (graduate school preparation)

ENG 405 Creative Writing
 ENG 410 Study Abroad
 ENG 441 Women Writers
 ENG 443 Special Topics
 ENG 442 Postcolonial Literature
 ENG 460 Applied Linguistics

Minor in Foreign Language

Minor in a Foreign Language Minor provides for the study of French or

Spanish with emphasis on the history and literature of the culture. The minor is planned by students and their academic advisor to include a minimum of 18 semester credit hours of 300- and 400-level courses.

The FMC Language Requirement Non-Native French or Spanish Speakers

Language Requirement: Students must successfully complete a minimum of six (6) credit hours in sequence in the same foreign language. English majors are required to complete a minimum of twelve (12) credit hours in sequence in the same foreign language. The 201 and 202 courses in French and Spanish may **NOT** be taken through Credit by Examination. These courses may **NOT** be taken simultaneously. The level of the first course a non-native speaker may take is determined by the last course completed in high school. For most students, one year in high school will normally be considered equal to one semester in college, as indicated in the table below.

124

If this was the last year completed in high school ... then take these courses in the order shown.

Only junior high or no French or Spanish course

FRE 201 and 202 or SPA 201 and 202
French I or Spanish I

FRE 202 and 301 or SPA 202 and 301
French II or Spanish II

FRE 301 and 302 or SPA 301 and 302
French III or Spanish III

FRE 307 and 308 or SPA 307 and 308
French IV or Spanish IV

FRE 307 and 300 literature or SPA 307 and 300 literature

Native French or Spanish Speakers

Native French or Spanish speakers are also required to complete six (6)

credit hours in sequence in a foreign language. If students wish to satisfy this requirement in a language they already speak, they may do so by taking courses in sequence as described in the table below. Enrollment in FRE 312 or 324 or SPA 312 or 324 is limited to students to have completed only two years or less of formal language instruction in their mother tongue at the high school level. These courses are **NOT** open to students who have completed over two years of secondary studies in their country of origin.

If this describes your level in French or Spanish ... then enroll in courses in the order shown.

Little or no formal course work

FRE 312 and 324 or SPA 312 and 324

Ability to read and write in the language

FRE 307 and 308 or SPA 307 and 308

Thorough knowledge of grammar

Two 300 civilization or literature courses

Bachelor of Arts in Music

The Bachelor of Arts degree in Music is offered in Church Music, Instrumental Music, Jazz Studies, Popular Music, Vocal Music, and Music with an optional minor using selected courses from other areas. A minor in music is also offered. These programs are designed to place qualified individuals in the profession of music as performers or directors. The curriculum provides for the cultivation of requisite skills, the acquisition of professional knowledge, and the development of aesthetic appreciation with opportunities for research and internships with professional organizations and businesses which will prepare them for numerous employment opportunities and graduate studies.

Music degree students are required to audition before the music faculty to demonstrate the extent of their music proficiency for placement and

potential scholarships. Music scholarship students are required to participate in performances by their ensembles in order to maintain this financial assistance. Applicants entering with extensive musical training, knowledge, and experience will have the opportunity to test out of some of the first and second year music courses. Majors are required to be enrolled in applied instruction on a primary instrument or voice, unless an exception is granted by the faculty. Additionally, each student must prepare at least one selection per semester for student recitals or forums. All music majors are required to pass the Piano Proficiency Examination. Students not majoring in keyboard may prepare for this examination by taking the necessary courses in class piano or by testing out at any time.

Students with an interest in Music Business may, in lieu of a senior recital, present a significant related project approved by the faculty. Majors must participate in at least one performing ensemble each semester of their enrollment. These ensembles serve as laboratories for the development of musical skills, knowledge and exposure to method and technique. This requirement helps students become practiced in actual performance with the best literature in their ensemble medium. Students interested in teaching Music should consult the curriculum for Music Education offered in conjunction with the Division of Education or pursue certification by taking a minor in education. However, since some graduates might want to teach in addition to performing in their chosen profession, they are advised to complete the minimum courses in education that are required for certification.

Mission of the Music Program

The College is committed to excellence in its programs and to this end, the appropriate curricula and programs are developed to provide instruction to students at their level of achievement as they seek knowledge and skills necessary for successful completion of a progression of academic standards. The Music Program is designed to assist the College in its mission by accomodating the music needs of the community by preparing students to teach in the educational systems; direct music programs for churches, and other organizations; direct music ensembles; conduct, arrange and orchestrate music for bands, choirs, film and television; perform all types of music; and enroll in graduate programs in music. The program is also designed to provide the students with opportunities to represent the

College by participating in activities on campus, in the community, and on the state and national levels.

Bachelor of Arts in Music

(Concentration in Church Music)

Graduation Requirements

This degree program requires a minimum of 131 semester hours for completion and is designed primarily for keyboard majors who are desirous of becoming directors of music for churches.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
MAT 101 College Mathematics I	3	MAT 102 College Math II	3
FMC 101 Ed & Life Seminar	3	REA 101 Critical Think/Read	3
MUS 101 Structures of Music I	3	MUS 102 Structures of Mus II	3
MUS 131 Applied Voice	1	MUS 131 Applied Voice	1
MUS 133 Applied Keyboard	1	MUS 133 Applied Keyboard	1
MUS 141 Concert Chorale	<u>1</u>	MUS 141 Concert Chorale	<u>3</u>
	15		17

127

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
COM 103 Intro to Public Speak	3	PED 110 Dim of Wellness	2
___ 101 Natural Science Req	3	___ ___ Natural Science Req	3
CSC 101 Intro to Computers	3	___ ___ Humanities Req	3
MUS 201 Structures of Music III	3	MUS 203 Struct of Music IV	3
MUS 111 Sight Singing/ Read I	2	MUS 112 Sight Sing/Reading II	2
MUS 133 Applied Keyboard	1	MUS 133 Applied Keyboard	1
MUS 141 Concert Chorale	<u>3</u>	MUS 141 Concert Chorale	<u>1</u>
	18		15

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
___ 201 Foreign Lang Req I	3	___ ___ African American Hist	3
REL 101 Intro to Religion	3	___ ___ Foreign Lang Req	3

MUS 337 Acoustic-Elect Signal I	2	MUS 340 Acoustic-Elect Sig II	2
MUS 333 Applied Keyboard	2	MUS 210 History of Music II	3
MUS 141 Concert Chorale	1	MUS 453 Intro to Church Music3	
MUS 209 History of Music I	3	MUS 499 Comp European Lang 3	
MUS 312 Conducting	<u>3</u>	MUS 333 Applied Keyboard	2
	17	MUS 141 Concert Chorale	<u>1</u>
			20

Senior Year

First Semester

MUS 306 Anthems & Spirituals
MUS 345 Form and Analysis
____ Social Science Req
MUS 333 Applied Keyboard
MUS 141 Concert Chorale
REL 353 Church Leadership
MUS 302 Comp Arranging Vocal

Second Semester

3	MUS 141 Concert Chorale	1
3	____ Social Science Req	3
3	MUS 494 Music Internship	3
2	MUS 493 Major App Res Proj I	3
1	MUS 333 Applied Keyboard	2
3	MUS 395 Liturgical Dance	3
<u>3</u>	MUS 487 Recital	<u>1</u>
18		16

Bachelor of Arts in

Music (*Concentration in Jazz Studies*)

Graduation Requirements

This degree program requires a minimum of 129 semester hours for completion and is designed primarily for students who wish to continue as professional jazz musicians.

Freshman Year

First Semester

ENG 101 English Comm I
MAT 101 College Math I
FMC 101 Ed & Life Seminar
MUS 101 Structures of Music I
MUS 103 Class Piano I*
MUS 1__ Applied
MUS 171 Jazz Ensemble

Second Semester

3	ENG 102 English Comm II	3
3	MAT 102 College Math II	3
3	REA 101 Critical Think/Read	3
3	MUS 102 Structures of Music II	3
1	MUS 104 Class Piano II*	1
1	MUS 1__ Applied	1
<u>1</u>	MUS 171 Jazz Ensemble	<u>1</u>

*Students proficient in keyboard may take voice or another instrument.

Sophomore Year

First Semester

COM 103 Intro to Public Speak 3
 ___ 101 Natural Science Req 3
 CSC 101 Intro to Computers 3
 MUS 201 Structures of Music III 3
 MUS III Sight Singing/ Read I 2
 MUS I__ Applied 1
 MUS 171 Jazz Ensemble 1

Second Semester

PED 110 Dimensions of Wellness 2
 ___ Natural Science Req 3
 ___ Humanities Req 3
 MUS 203 Structures of Music IV 3
 MUS 112 Sight Singing/Reading II 2
 MUS I__ Applied 1
 MUS 171 Jazz Ensemble 1

16

15

Junior Year

First Semester

___ 201 Foreign Lang Elect I 3
 REL 101 Intro to Religion 3
 MUS 337 Acoustic-Elect Signal I 2
 MUS 207 Jazz Improv & Arr III 3
 MUS 3__ Applied 2
 3
 MUS 171 Ensemble 1
 MUS 209 History of Music I 3
 MUS 312 Conducting 3

Second Semester

___ African American Hist 3
 ___ Foreign Language Req 3
 MUS 340 Acoustic-Elect Signal II 2
 MUS 210 History of Music II 3
 MUS 208 Jazz Improv & Arr IV 2
 MUS 3__ Applied 2
 MUS 171 Jazz Ensemble 1

20

17

129

Senior Year

First Semester

MUS 364 History of Jazz 3
 ___ Social Science Req 3
 MUS 3__ Applied 2
 MUS 171 Jazz Ensemble 1
 MUS 394 Jazz Improvisation & Arr 3
 MUS 315 Small Ensemble Arr 3
 ___ Social Science Elective 3

Second Semester

MUS 367 Instrumental Methods 3
 MUS 494 Music Internship 3
 MUS 493 Major App Res Proj I 3
 MUS 3__ Applied 2
 MUS 171 Jazz Ensemble 1
 MUS 487 Recital 1

18

13

Bachelor of Arts in Music *(Concentration in Popular Music)*

Graduation Requirements

This degree program requires a minimum of 126 semester hours for completion and is designed for students who wish to pursue careers in musical theater, recording industry management, etc.

Freshman Year

First Semester

ENG 101 English Comm I
MAT 101 College Math I
FMC 101 Ed & Life Seminar
MUS 101 Structures of Music I
MUS 103 Class Piano I*
MUS 1__ Applied
MUS 18_ Pop Music Ensemble

Second Semester

3 ENG 102 English Comm II
3 MAT 102 College Math II
3 REA 101 Critical Think/ Read
3 MUS 102 Structures of Music II
1 MUS 104 Class Piano II*
1 MUS 1__ Applied
1 MUS 18_ Pop Music Ensem

15

15

130

*Students proficient in keyboard may take voice or another instrument.

Sophomore Year

First Semester

COM 103 Intro to Public Speak
___ 101 Natural Science Req
CSC 101 Intro to Computers
MUS 201 Structures of Music III
MUS III Sight Singing/ Read I
MUS 1__ Applied
MUS 18_ Popular Music Ensem

Second Semester

3 PED 110 Dim of Wellness
3 ___ ___ Natural Science Req
3 ___ ___ Humanities Req
3 MUS 203 Structures of Music IV
2 MUS 112 Sight Singing/Reading II2
1 MUS 1__ Applied
1 MUS 18_ Popular Music Ensem

16

15

Junior Year**First Semester**

___ 201 Foreign Lang Elect I
 REL 101 Intro to Religion
 MUS 337 Acoustic-Elect Signal I
 MUS 18_ Popular Music Ensem
 MUS 3__Applied
 MUS 209 History of Music I
 MUS 312 Conducting

Second Semester

3 ___ ___ African American Hist3
 3 ___ ___ Foreign Lang Req II 3
 2 MUS 340 Acoust-Elect Signal II2
 1 MUS 370 History of Pop Music 3
 2 MUS 208 Jazz Improv & Arr IV3
 3 MUS 3__Applied 2
 3 MUS 18_ Pop Music Ensemble I

Senior Year**First Semester**

MUB 301 Intro to Music Bus
 MUB 331 Music Copyright & Pub
 ___ ___ History/Govt Req
 MUS 3__Applied
 MUS 18_ Popular Music Ensem
 MUS 291 Music Criticism
 MUS 493 Major App Res Proj I

Second Semester

3 ___ ___ Social Science Elect 3
 3 MUS 494 Music Internship 3
 3 MUS 498 Maj App Res Proj II 3
 2 MUS 3__Applied 2
 1 MUS 18_ Pop Music Ensemble I
 3 MUS 487 Applied Recital _1
 _3 13

18

131

MINOR IN MUSIC

The minor in music requires at least 36 credits and is offered to the student who has selected a non-music area as the choice of concentration. The student is advised that although 18 credits are generally required for a minor in most subject areas, 36 credits are recommended for music. This minor is based upon the music courses required for certification under the Florida Department of Education "Plan B". Additional credits in education are needed for full certification. As an option, the student may be advised to consider music as a major and to use the elective credits to cover a minor in the other area of their choice.

THEORY

MUS	101	Structures of Music I	3
MUS	102	Structures of Music II	3
MUS	201	Structures of Music III	3
MUS	203	Structures of Music IV	3
			12

HISTORY

MUS	209	History of Music I	3
MUS	210	History of Music II	<u>3</u>
			6

CONDUCTING

MUS	312	Conducting	<u>3</u>
			3

APPLIED PRINCIPAL

MUS	1__	Applied _____	1
MUS	1__	Applied _____	1
MUS	3__	Applied _____	2
MUS	3__	Applied _____	2
MUS	3__	Applied _____	2
MUS	3__	Applied _____	<u>2</u>
			10

132

APPLIED SECONDARY

MUS	1__	Applied _____	1
MUS	1__	Applied _____	<u>1</u>
			2

ENSEMBLE

MUS	1---	_____ Ensemble	1
MUS	1---	_____ Ensemble	1
MUS	1---	_____ Ensemble	<u>1</u>
			3

Bachelor of Arts in Religion and Philosophy

This degree requires 126 hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
MAT 101 College Math I
CSC 101 Intro to Computers
FMC 101 Ed and Life Seminar
PED 110 Dimension of Wellness
REL 101 Introduction to Religion

Second Semester

3 ENG 102 English Comm II 3
3 MAT 102 College Math II 3
3 REA 101 Critical Think/ Read 3
3 HIS ____ African American Hist 3
3 COM 103 Intro to Pub Speak 3
3 15

18

Sophomore Year

First Semester

HIS 101 World Civilization I
REL 314 Sur of Baptist Doctrine
REL 206 Old Testament Survey
____ ____ Natural Science Req
PSY 200 Intro to Psychology

Second Semester

3 ____ ____ Natural Science Req 3
3 REL 201 Intro to Philosophy 3
3 HIS 102 World Civilization II 3
3 REL 207 New Testament Survey 3
3 REL 202 Philos of Religion 3
3 15

15

15

Junior Year

First Semester

REL 310 The Psalms
REL 402 8th & 7th Cent Prophets
REL 303 Greek I
REL 401 Christian Education
MUS 308 Afro Amer Church Music

Second Semester

3 REL 313 Life & Letters of Paul 3
3 REL 353 Church Leadership 3
3 REL 308 Greek II 3
3 REL 351 Pastoral Ministry 3
3 REL 322 Intertestamental Pd 3
3 15

15

15

Senior Year

First Semester

REL 473 Systematic Theology I
____ ____ Humanities Req
REL 410 Homiletics

Second Semester

3 REL 474 Sys Theology II 3
3 REL 432 Christian Ethics 3
3 REL ____ Major Elective 3

REL 463 Black Theology	3	REL 406 Internship II	3
REL 405 Internship I	3	REL 495 Senior Project	<u>3</u>
REL 434 Life of Christ	<u>3</u>		15
	18		

Minor Visual Arts

A Visual Arts minor provides for the study of Art. The minor is planned by students and their academic advisor to include a minimum of 18 credit hours of art courses.

CORE REQUIREMENTS

A. 6 credit hours of art history

ART 101 Art History	3
ART 104 Modern Art	3

B. 15 credit hours of studio art

ART 121 Beginning Design	3
ART 131 Drawing I	3
ART 231 Painting I	3
ART 241 Printmaking I	3
ART 341 Sculpture	3

SUPPLEMENTAL COURSE OFFERINGS

A. 18 credit hours of supplemental art courses

ART 103 African American Art	3
ART 221 Graphic Design I	3
ART 321 Commercial Art	3
ART 331 Mural Painting	3
ART 421 Illustration	3

Division of Natural Sciences and Mathematics

The Division of Natural Sciences and Mathematics offers majors in Biology, Chemistry, Mathematics, and participates in a Dual-Degree Program in Engineering.

Mission of the Division

The Division's undergraduate program is broadly inclusive in order to meet the academic needs of national and international students. The Division offers programs that lead to a baccalaureate degree in biology, chemistry, and mathematics; offers pre-professional programs in engineering, through support courses in physics; and, through collaborations with other institutions, offers dual degree programs leading to a bachelor of science in engineering.

Natural Sciences and Mathematics provides a challenging and supportive environment that prepares its students for knowledge, responsible participation and leadership in an ever-changing technologically advanced global society.

The Division's primary responsibility is to meet the needs of students in the fields of mathematics and natural and life sciences. This responsibility is accomplished through teaching, community service, and scholarly activities.

Vision of the Division

Natural Sciences and Mathematics Division will continue to offer select baccalaureate degrees in Natural Sciences and Mathematics, which will serve a multi-cultural student body. The Division will distinguish itself in preparing students for graduate and professional schools and for careers in research and health-related fields. The Division will provide technical courses in the natural sciences and in mathematics for science education and mathematics education students. The Division's curricula and educational support systems will ensure that every graduate has skills in:

Electronic communication

- .. Disciplinary applications technology
- .. Critical thinking and analysis; and
- .. Intellectual, cultural, and spiritual development.

The Division will promote and stimulate faculty development and faculty, staff, and student collegiality, and will maintain high standards of scholarship, character, and integrity.

The Division will discharge its responsibilities with integrity, civility, and sensitivity while promoting dignity and respect for others.

Degree Requirements

In order to be certified for graduation in the Division of Natural Sciences and Mathematics, students must:

1. complete a minimum of **124** credit hours, including all general education requirements, with a minimum cumulative G.P.A. of 2.0,
2. earn a grade of "C" or better in all major courses; and
3. take the divisional exit examination.

136

Credits in MAT 101, 102, BIO 101, or PSC 101 can not be applied towards graduation credit in any major offered by the Division.

Bachelor of Science in Biology

The Division of Natural Sciences and Mathematics offers a program leading to the Bachelor of Science degree in biology. Students must complete a minimum of 36 credit hours of biology. A grade of "C" or better must be earned in each biology course with an overall cumulative grade point average of 2.5 or above.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comms I
 BIO 130 Principles of Biology I
 BIO 131 Prin of Biology I Lab
 MAT 111 College Algebra
 REA 101 Critical Thinking/ Read
 FMC 101 Education & Life Sem

Second Semester

3 ENG 102 English Comm II
 3 BIO 132 Principles of Biology II
 1 BIO 133 Prin of Biology II Lab
 3 MAT 112 Pre-Calculus
 3 REL 101 Intro to Religion
 3 HIS 103 African American Hist

16

18

Sophomore Year

First Semester

COM 103 Intro to Public Speaking
 MAT 113 College Trigonometry
 BIO 206 General Botany
 BIO 207 General Botany Lab
 CHE 110 General Chemistry I
 CHE 111 General Chemistry I Lab
 PED 110 Dimensions of Wellness

Second Semester

3 CSC ____ Computer Science Elect
 3 PSY 200 Introduction to Psych
 3 BIO 310 Genetics
 1 BIO 311 Genetics Lab
 4 CHE 112 Gen Chemistry II
 3 CHE 213 Gen Chemistry II Lab

17

17

137

Junior Year

First Semester

BIO 300 Human Physiology
 BIO 301 Human Physiology Lab
 CHE 210 Organic Chemistry I
 CHE 211 Organic Chem I Lab
 ____ Foreign Language
 MAT 205 Probability & Statistics
 ____ Social Science Req

Second Semester

3 BIO 320 Ecology
 1 BIO 321 Ecology Lab
 3 CHE 212 Organic Chemistry II
 3 CHE 213 Organic Chem II Lab
 3 ____ Foreign LangReq II
 3 ____ Humanities Req

17

16

Senior Year

First Semester

BIO 410 Microbiology
 BIO 411 Microbiology Lab
 PHY 200 College Physics I
 PHY 201 College Physics I Lab

Second Semester

3 ____ Elective
 1 BIO 420 Cell Biology
 1 BIO 421 Cell Biology Lab
 3 PHY 202 Coll Physics II

_____ History/Govt Req	3	PHY 203 Coll Physics II Lab	1
NSC 450 Divisional Seminar I	1	NSC 451 Divisional Seminar II	1
NSC 452 Senior Project	<u>3</u>	_____ Elective	<u>3</u>
	14		15

Approved Electives

BIO 200 Human Anatomy and Physiology	3
BIO 210 Human Anatomy and Physiology Lab	1
BIO 220 Comparative Anatomy	3
BIO 221 Comparative Anatomy Lab	1
BIO 302 Plant Physiology	3
BIO 303 Plant Physiology Lab	1
BIO 304 Embryology	3
BIO 305 Embryology Lab	1
BIO 400 Evolution	3
BIO 430 Immunology	3
BIO 431 Immunology Lab	1
BIO 440 Research I	3
BIO 441 Research II	3
BIO 460 Recombinant DNA	3
CHE 214 Quantitative Analysis	3
CHE 215 Quantitative Analysis Lab	1
CHE 430 Biochemistry	3
CHE 431 Biochemistry Lab	1
MAT 200 Applied Calculus	3
MAT 201 Calculus I	3
MAT 202 Calculus II	3

In addition, students must complete all of the general education requirements and the required credits in chemistry, mathematics and physics, as outlined below. Students intending to go to graduate or medical school should consult with their advisor for further information on necessary courses.

Students intending to teach biology in the secondary schools must also meet certification requirements and must consult with the Division of Education and Humanities.

Bachelor of Science in Chemistry

The Division of Natural Sciences and Mathematics offers programs leading to the Bachelor of Science in chemistry and the Bachelor of Arts in chemistry. The Bachelor of Science program is designed for students planning graduate study in chemistry and related fields of science or careers as professional chemists. The Bachelor of Arts degree program provides the flexibility that satisfies the objectives of students in pre-medicine, pre-pharmacy, pre-optometry, pre-dentistry, other allied health fields and high school teachers.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
CHE 110 General Chemistry I	4	BIO 130 Principles of Biology	3
CHE 111 General Chemistry I Lab	1	BIO 131 Principles of Bio Lab	1
ENG 101 English Comm I	3	MAT 202 Calculus II	3
MAT 201 Calculus I	3	ENG 102 English Comm II	3
REA 101 Critical Thinking/Reading	3	CHE 112 General Chemistry II	4
FMC 101 Ed & Life Seminar	<u>3</u>	CHE 113 General Chemistry II Lab	<u>1</u>
	17		15

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
COM 103 Intro to Public Speaking	3	CSC ____ Computer Sci Elect	3
CHE 210 Organic Chemistry I	3	CHE 212 Organic Chemistry II	1
CHE 211 Organic Chemistry Lab I	1	CHE 213 Organic Chem Lab II	1
CHE 214 Quantitative Analysis	3	CHE 224 Environmental Chem	3
CHE 215 Quantitative Analysis Lab	1	MAT 302 Multi-variable Calculus	3
MAT 301 Calculus III	3	REL 101 Introduction to Religion	<u>3</u>
PED 110 Dimensions of Wellness	<u>2</u>		15
	16		

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Social Science Elective	3	____ 202 Foreign Lang Elect	3
____ Foreign Language Req	3	CHE 322 Physical Chemistry II	3

CHE 320 Physical Chemistry I	3	CHE 323 Physical Chem Lab II	1
CHE 321 Physical Chemistry Lab I	1	PHY 252 Physics w/Calculus II	3
PHY 250 Physics w/Calculus I	3	PHY 253 Physics w/Calc Lab II	1
PHY 251 Physics w/Calculus Lab I	<u>1</u>	MAT 205 Probability & Statistics	<u>3</u>
	14		14

Senior Year

First Semester

CHE 460 Adv. Inorganic Chemistry	3
CHE 461 Adv. Inorganic Chem Lab	1
NSM 450 Divisional Seminar I	1
____ African-American Hist Req	3
CHE 430 Biochemistry	3
CHE 431 Biochemistry Lab	1
SSC Social Science Elective	<u>3</u>

Second Semester

CHE 410 Instrumental Analysis	3
CHE 411 Instrumental Analysis Lab I	
NSM 451 Divisional Seminar II	1
HIS ____ History/Gov't. Elective	3
____ Humanities Elective	3
____ Elective	3
CHE 440 Undergrad Research	<u>3</u>

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140

Approved Electives for B.S. in Chemistry

CHE 360 Physical Chemistry I
 CHE 361 Physical Chemistry I Lab
 CHE 362 Physical Chemistry II
 CHE363 Physical Chemistry II Lab
 CHE410 Instrument Analysis
 CHE411 Instrument Analysis Lab
 CHE460 Advance Inorganic Chemistry
 CHE461 Advance Inorganic Chemistry Lab
 CHE480 Undergraduate Research
 MAT301 Calculus III
 MAT302 Multivariable Calculus
 MAT410 Differential Equations

Note: All students must complete two semesters of Physical Chemistry and one semester of Advanced Inorganic Chemistry

Bachelor of Arts in Chemistry

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG 102 English Comm II	3
CHE 110 General Chemistry I	4	CHE 112 General Chemistry II	4
CHE 111 General Chemistry I Lab	1	CHE 113 General Chemistry II Lab	1
MAT 201 Calculus I	3	MAT 202 Calculus II	3
REA 101 Critical Thinking/Reading	3	BIO 130 Principles of Biology	3
FMC 101 Education & Life Seminar	3	BIO 131 Principles of Biology Lab	1
	17		15

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
COM 103 Intro to Public Speak	3	CSC ____ Comp Science Elect	3
CHE 210 Organic Chemistry I	3	CHE 212 Organic Chemistry II	3
CHE 211 Organic Chem I Lab	1	CHE 213 Organic Chemistry II Lab	1
CHE 214 Quantitative Analysis	3	CHE 224 Environmental Chem	3
CHE 215 Quant Analysis Lab	1	CHE 225 Environmental Chem Lab	1
MAT 301 Calculus III	3	MAT 205 Multi-Variable Calculus	3
PED 110 Dim of Wellness	3	REL 101 Introduction to Religion	3
	17		17

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Social Sciences Req	3	____ Elective	3
____ Foreign Language Req	3	MAT 205 Probability & Stat	3
CHE 340 Survey Physical Chem	3	____ Foreign Language Req	3
CHE 341 Survey Phys Chem Lab	1	BIO 200 Hum Anatomy & Phys	3
PHY 200 Coll Physics I	3	BIO 201 Hum Anat & Phys Lab	1
PHY 201 Coll Physics I Lab	3	PHY 202 Coll Physics II	3
	16	PHY 203 Coll Physics II Lab	3
			19

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Major Science Elective	3	CHE 410 Instrumental Analysis	3
____ Major Science Elect Lab	1	CHE 411 Instrum Analysis Lab	1
NSC 450 Divisional Seminar I	1	NSC 451 Divisional Seminar II	1
____ African Amer Hist Req	3	____ History/Govt Req	3
CHE 430 Biochemistry	3	____ Humanities Req	3
CHE 431 Biochemistry Lab	1	CHE 440 Undergrad Research	1
____ Social Sciences Req	3	____ Elective	3
	15		15

Dual Degree in Engineering

142

Florida Memorial College offers part of a five-year integrated Dual Degree Engineering program in cooperation with Florida International University. Following this program, the student attends Florida Memorial College for two years and then attends the Engineering School at Florida International University for three years. Also, it is possible for students enrolled in this program to receive the Bachelor of Science degree in General Science simultaneously with an appropriate engineering degree from FIU. These include Civil and Environmental Engineering, Computer Engineering, Electrical Engineering, Industrial and Systems Engineering, and Mechanical Engineering.

The Dual Engineering degrees will be awarded only upon the successful completion of prescribed work at both institutions. In order to move into upper division study at FIU, a qualified student (1) must have completed all of the general engineering requirements, (2) must have a cumulative G.P.A. of 2.5 or higher and a grade of "C" or better in all Engineering courses, and (3) must be recommended by the program director at Florida Memorial College.

Dual Degree engineering students meeting these qualifications will be admitted as full-time engineering students at Florida International

University with full junior standing, or be concurrently enrolled at Florida International University. Students should select their intended field of study in their first year, so that they enroll in appropriate engineering and science preparatory courses.

Pre-Engineering is a program designed to provide for a student's first two years of a five-year Engineering degree. Since the first two years of most programs have the same curricula, one can transfer to FIU Engineering schools with minimal difficulty.

Freshman Year

First Semester

ENG 101 English Comm I 3
FMC 101 Education & Life Seminar 3
CHE 110 General Chemistry I 4
CHE 111 General Chemistry I Lab 1
MAT 201 Calculus I 3
PEG 201 CAD Design 3

Second Semester

ENG 102 English Comm II 3
REA 101 Critical Thinking/Read 3
PHY 250 College Physics w/Calc 4
PHY 251 College Physics w/CalcLab 1
MAT 202 Calculus II 3
CSC 232 Intro to Programming 3

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143

Sophomore Year

First Semester

PEG 332 Dynamics 3
CSC 473 C++ Programming 3
PHY 252 Physics w/Calculus II 4
PHY 253 Physics w/Calculus II ab 1
____ Foreign Language Req 3
____ Humanities Req 3

Second Semester

PEG 331 Statics 3
REL 101 Intro to Religion 3
MAT 203 Calculus III 3
MAT 410 Differential Equations 3
____ Foreign Language Req 3

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A background in physics and mathematics at the high school level is strongly recommended. If a deficiency exists, the recommended courses are included in the following preparatory curriculum.

Preparatory Curriculum

First Semester

MAT 111 College Algebra 3
PHY 140 General Physics 3
PHY 101 General Physics Lab 1
FMC 101 Educational and Life Sem 3

Second Semester

ENG 102 English Comm II 3
MAT 112 Pre-calculus 3
MAT 113 College Trigonometry 3
PHY 142 General Physics II 3

PEG 101 Intro to Engineering	3	PHY 142 General Physics II Lab	3
ENG 101 English Communications I	<u>3</u> 16	CSC 232 Intro to Programming	<u>3</u> 17

Bachelor of Science in Environmental Studies

The Division of Natural Sciences and Mathematics offers a program leading to the Bachelor of Science degree in Environmental Science. Students must complete the Core Curriculum and three of the four resource courses and at least one course and lab in ecology from the approved environmental science electives. A grade of "C" or better must be earned in each core course with an overall cumulative grade point average of 2.5 or above.

144

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 English Comm I	3	ENG102 English Comm II	3
BIO 130 Principles of Biology	3	BIO 204 General Zoology	3
BIO 131 Principles of Biology Lab	1	BIO 205 General Zoology Lab	1
MAT 111 College Algebra	3	MAT 112 Pre-Calculus	3
REA 101 Critical Thinking/Reading	3	_____ African American Hist	3
FMC 101 Ed & Life Seminar	<u>3</u> 16	CSC _____ Computer Sci Elect	<u>3</u> 16

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
CHE 110 General Chemistry I	4	BIO 320 Ecology	3
CHE 111 General Chemistry Lab I	1	BIO 321 Ecology	1
COM 103 Intro to Public Speaking	3	CHE 112 General Chemistry II	4
ENV 101 Intro to Env Sci	3	CHE 113 General Chemistry Lab I	1

MAT 205 Statistics	3	PSY 200 Intro to Psychology	3
____ Foreign Lang Req I	<u>3</u>	____ Foreign Lang Req II	3
	17	PED 110 Dim of Wellness	<u>2</u>
			17

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Approved Elective	3	____ Approved Elective	3
____ Approved Elective	1	____ Approved Elective	1
CHE 214 Quantitative Analysis	3	ENV 331 Urban Ecology	3
CHE 225 Quant Analysis Lab	1	ENV 332 Urban Ecology Lab	1
ENV ____ Resource I	3	ENV 362 Spirit and Nature	3
ENV ____ Resource II	3	ENV ____ Resource III	<u>3</u>
____ Social Science Elective	<u>3</u>		14
	17		

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
ECO 485 Environmental Econ	3	ENV 451 Senior Seminar	3
ENV 450 Field Studies in Env St	3	____ Elective	3
ENV 461 Ecology of South Florida	3	____ Approved Elective	3
ENV 462 So FL Ecology Lab	1	____ Approved Elective	3
ENV 471 Environmental Policy	3	____ Ecology Elective	<u>4</u>
____ Elective	<u>3</u>		16
	16		

145

Approved electives are:

BIO 400 Evolution	3
CHE 210 Organic Chemistry I	3
CHE 211 Organic Chemistry Lab I	1
CHE 212 Organic Chemistry II	3
CHE 213 Organic Chemistry Lab II	1
CHE 224 Environmental Chemistry	3
CHE 225 Environmental Chemistry Lab	1
CHE 430 Biochemistry	3
CHE 431 Biochemistry Lab	1
ENV 301 Wetland Ecology	3
ENV 302 Wetland Ecology Lab	1
ENV 331 Urban Ecology	3
ENV 332 Urban Ecology Lab	1

ENV 470 Natural Resources Management	3
MAT 200 Applied Calculus	3
MAT 201 Calculus I	3
MAT 202 Calculus II	3

In addition, students must complete all of the general education requirements, as outlined below. Students intending to go to graduate school should consult with their advisor for further information on necessary courses.

Bachelor of Science in Mathematics

The Division of Natural Sciences and Mathematics offers an undergraduate program leading to the Bachelor of Science degree in Mathematics. This program is designed to prepare students for advanced study or careers as mathematicians, actuaries, mathematical economists, operations researchers, or teachers of mathematics. A minimum of 45 credit hours in mathematics above the 100-level is required. A grade of "C" or better must be earned in each mathematics course with an overall cumulative grade point average of 2.5 or above.

146

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

First Semester

ENG 101 English Comm I
MAT 111 College Algebra
REA 101 Critical Thinking/Read
PED 110 Dimensions of Wellness
FMC 101 Education & Life Seminar

Second Semester

3 MAT 112 Pre-Calculus	3
3 MAT 113 College Trigonometry	3
3 REL 101 Introduction to Religion	3
2 ENG 102 English CommII	3
3 Social Science Req	3
14	15

Sophomore Year

First Semester

MAT 201 Calculus I

Second Semester

3 MAT 202 Calculus II	3
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MAT 205 Statistics	3	MAT 210 Discrete Mathem I	3
CSC 275 PASCAL Programming	3	CSC 405 Programming Lang	3
_____ Humanities Req	3	PSY 200 Intro to Psychology	3
COM 103 Intro to Public Speaking	3	_____ African Amer Hist Req	3
	15		15

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
MAT 301 Calculus III	3	MAT 302 Multi-Variable Calculus	3
MAT 350 Linear Algebra I	3	MAT 351 Linear Algebra II	3
_____ Natural Science Req	3	_____ Natural Science Req	3
_____ Nat Science Req Lab	1	_____ Natural Science Req Lab	1
_____ Foreign Language Req	3	_____ Foreign Language Req	3
_____ Humanities Req	3	_____ Social Sciences Req	3
	16		16

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
MAT 309 Intro to Mod Algebra	3	MAT 306 Complex Variables	3
MAT 410 Differential Equations	3	MAT _____ Mathematics Elective	3
MAT 450 Senior Project in Math I	3	_____ Elective	3
_____ Elective	3	_____ Elective	3
_____ Elective	3	_____ Elective	3
_____ Elective	3		15
	18		

Approved Electives

MAT 200 Applied Calculus
 MAT 211 Discrete Mathematics II
 MAT 303 History of Mathematics
 MAT 305 College Geometry
 MAT 307 Number Theory
 MAT 402 Advanced Calculus
 MAT 403 Real Analysis
 MAT 404 Topology
 MAT 405 Vector Calculus
 MAT 411 Numerical Analysis I
 MAT 412 Numerical Analysis II
 MAT 414 Probability Theory
 MAT 420 Directed Reading I

MAT 42I Directed Reading II

In addition, mathematics majors must complete the divisional requirement of one year of natural science courses.

Bachelor of Science in Medical Technology

The Bachelor of Science degree in Medical Technology is offered in a 3+1 program. Students in this program will be enrolled in a three year course of study at Florida Memorial College and will spend the fourth year in an internship at an accredited school of medical technology. A degree in medical technology will not be awarded without a successful completion of this internship. Students who are not accepted into a school of medical technology at the completion of the three years' course work at Florida Memorial College will be given the option of pursuing a degree in chemistry or biology.

148

Note: Priority in admission to schools of medical technology is given to students from colleges that have affiliation agreements. Eligibility for admission to schools of medical technology includes, but is not limited to, the following criteria:

- 1 Completion of the four years of prescribed courses towards the bachelor's degree in medical technology
- 2 A cumulative grade point average of not less than 2.5
- 3 Recommendation by the Medical Technology Advisory Committee of the Division of Natural Sciences and Mathematics at Florida Memorial College

Freshman Year

First Semester

BIO 130 Principles of Biology
BIO 131 Principles of Biology Lab

Second Semester

3 BIO 200 Hum Anat/Phys 3
1 BIO 201 Hum Anat/Phys Lab 1

ENG 101 English Comm I	3	ENG 102 English Comm II	3
FMC 101 Ed & Life Seminar	3	REL 101 Intro to Religion	3
MAT 111 College Algebra	3	MAT 112 Pre-Calculus	3
CHE 110 General Chemistry I	3	CHE 112 Gen Chem II	3
CHE 111 General Chemistry I Lab	<u>1</u>	CHE 113 Gen Chem II Lab	<u>1</u>
	18		18

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
CHE 210 Organic Chemistry I	3	CHE 212 Organic Chemistry II	3
CHE 211 Organic Chemistry I Lab	1	CHE 213 Organic Chemistry II Lab I	1
CHE 214 Quantitative Analysis	3	BIO 330 Parasitology	3
CHE 215 Quantitative Analysis Lab	1	BIO 331 Parasitology Lab	1
___ ___ Soc ial Science Req	3	HIST ___ African Amer Hist	3
___ ___ Hist/Govt Req	3	CSC ___ Comp Sci Req	3
___ ___ Foreign Lang Req	<u>3</u>	___ ___ Foreign Lang Req	<u>3</u>
	17		17

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
BIO 410 Microbiology	3	BIO 430 Immunology	3
BIO 411 Microbio Lab	1	BIO 431 Immunology Lab	1
CHE 430 Biochemistry	3	COM 103 Intro to Public Speaking	3
CHE 431 Biochemistry Lab	1	PED 110 Dim of Wellness	2
PHY 200 College Physics I	3	PHY 202 College Physics II	3
PHY 201 College Physics I Lab	1	PHY 203 College Physics II Lab	1
PSY 200 Intro to Psychology	3	MAT 205 Statistics	3
NSC 450 Divisional Seminar I	<u>1</u>	NSC 451 Divisional Sem II	<u>1</u>
	16		16

149

Hospital Internship at an accredited school of medical technology to include:

Senior Year

MDT 400 Intro to Med Tech	3	MDT 450 Special Top in Med Tech	2
MDT 410 Clinical Microbiology	5	MDT 460 Immunology and Serology	3
MDT 420 Immunochemistry	3	MDT 470 Clin Microscop/Parasit	4
MDT 430 Clinical Chemistry	7	MDT 480 Mgmt and Ed	1
MDT 440 Hematology	6		

Minor in Biology

A minor in biology consists of a minimum of 20 credit hours in biology beyond the general education biology requirements. A grade of "C" or better must be earned in each course. The overall cumulative grade point average for the minor must be 2.5 or above. Courses that may be used for the minor must be selected from the list of core and elective biology courses in consultation with the biology advisor.

Minor in Chemistry

A minor in chemistry consists of 16 credits in chemistry courses at the 200 level or above. At least 4 credits must be at the level 300 or above at the Florida Memorial College exclusive of CHE 480 and CHE 481 and the chemistry GPA must be 2.00 or higher.

150

Minor in Ecology

A minor in Ecology consists of the following courses: Introduction to Environmental Science, Ecology and Ecology Lab, Urban Ecology and Ecology Lab, Wetland Ecology and Wetland Ecology Lab, and Ecology of South Florida and Ecology of South Florida Lab. Students should note that there may be prerequisites to these courses.

Minor in Environmental Science

A minor in Environmental Science consists of a minimum of 18 credit hours from the Core Curriculum beyond the General Education requirements. A grade of "C" or better must be earned in each course. The overall cumulative grade point average for the minor must be 2.5 or above. Courses that may be used for the minor must be selected from the list of Core and elective courses in consultation with the environmental studies advisor.

Minor in Mathematics

A minor in mathematics consists of a minimum of 18 credit hours in

mathematics beyond the 100-level. A grade of C or better must be earned in each course. Courses that may be used for the minor must be selected from the list of core and elective mathematics courses in consultation with the mathematics advisor.

Division of Social Sciences

The Division of Social Sciences is structured to increase student learning in each of the disciplines offered. Students can gain greater insight into different cultures and ideologies from around the world. At the same time, students are encouraged to grasp those ideas and ideals which may enable them to make a difference in the lives of others and at home. This division offers a set of programs which adheres to a common goal of developing within students a broad understanding of human concerns. It is important that students majoring in the Social Sciences learn techniques by which they can investigate the past, analyze the present, and plan for the future. As advances in technology affect the Social Sciences, it is essential that students are prepared to compete, and excel using these advances.

151

The Division of Social Sciences offers the Bachelor of Science degree in Psychology and the Bachelor of Arts degree in Sociology, Criminal Justice, and Political Science/Public Administration. Minor fields of study are offered in all degree-granting areas with the completion of 18 hours of study. A minor is also offered in History, Social Work and African American Studies.

Divisional Objectives

1. To nurture qualities which will enable students to function with proficiency and compassion within the human family
2. To provide assistance to students in planning courses, setting

- real goals and utilizing opportunities to make a difference in society
3. To provide opportunities for students to distinguish between personal interests and skills and the needs and current opportunities in society
 4. To provide students with opportunities to experience the world of work in their academic field
 5. To increase students' interest and awareness of graduate and professional school programs available upon successful completion of their undergraduate studies.

Divisional Requirements for Graduation

1. Students must complete a minimum of 124 semester hours for graduation.
2. Students must receive a grade of "C" or better in all major courses.
3. Students must maintain a G.P.A. of 2.00 or better to graduate.
4. Graduating seniors must complete an exit examination and senior project prior to graduation.

Bachelor of Arts in Criminal Justice

The criminal justice curriculum prepares men and women for careers and leadership roles in the prevention and correction of crime and delinquency. Students majoring in criminal justice study criminal justice systems and theories, criminal law, and corrections philosophy. Graduates are prepared for service in parole and probation agencies, correctional institutions, and federal, state, local and private investigative or security agencies, juvenile justice programs and law enforcement agencies. Graduates may choose to further their studies in graduate or law schools.

Graduation Requirements

This degree program requires a minimum of 124 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 Eng Comm I	3	ENG 102 Eng Comm II	3
REA 101 Crit Think/Read	3	___ ___ Nat Sci Req	3
MAT 101 Coll Math I	3	MAT 102 Coll Math II	3
HIS ___ African Amer Hist	3	___ ___ Social Science Req	3
FMC 101 Ed & Life Seminar	3	REL 101 Intro to Religion	<u>3</u>
PED 110 Dim of Wellness	<u>2</u>		15
	17		

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>		
___ ___ Humanities Req	3	ENG 309 Adv Gram & Comp	3	<u>153</u>
___ ___ Foreign Lang Req	3	___ ___ Foreign Lang Req	3	
CRJ 200 Intro to Criminal Just	3	COM 103 Intro to Public Speak	3	
___ ___ Nat Science Req	3	CSC 101 Intro to Computers	3	
SOC 200 Intro to Sociology	<u>3</u>	PSY 200 Intro to Psychology	<u>3</u>	
	15		15	

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
HIS 200 Hist of the USA	3	SOC 309 Soc of Deviance	3
CRJ 301 Criminal Law I	3	CRJ 302 Criminal Law II	3
SSC 302 Intro to Stat	3	SSC 406 Adv Statistics	3
SSC 300 Research Mthds	3	POL 302 State & Local Govt	3
POL 301 US Government	<u>3</u>	CRJ 304 Causes & Prev Del	3
	15	CRJ ___ Approved Elective	<u>3</u>
			18

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
CRJ 403 Police Administration	3	CRJ 406 Senior Seminar	3
CRJ 303 Probation & Parole	3	CRJ 405 Law Enforcement	3
CRJ 423 Senior Project	3	SSC 421 Field Placement I	6

CRJ ____ Approved Elect	3	____ ____ Approved Elect	<u>3</u>
CRJ 409 Crim Evid & Ct Pro	<u>3</u>		15
	15		

Approved Electives

CRJ 307 Criminology	3
CRJ 400 Selected Topics in Criminal Justice	3
CRJ 407 Constitutional Law I	3
CRJ 408 Constitutional Law II	3
CRJ 409 Criminal Evidence and Court Procedure	3
CRJ 410 Public and Private Security	3
CRJ 411 Drugs, Alcohol and Crime	3
CRJ 412 Criminal Investigation	3
SSC 424 Field Experience	3

154

Bachelor of Arts in Criminal Justice

Concentration in Criminology

This major field of study enhances student appreciation of applying science to the study of crime, criminal and criminal behavior.

Freshman Year

First Semester

ENG 101 Eng Comm I	3
REA 101 Crit Think/Read	3
MAT 101 Coll Math I	3
HIS ____ African Amer Hist	3
FMC 101 Ed & Life Sem	3
PED 110 Dim of Wellness	<u>2</u>
	17

Second Semester

ENG 102 Eng Comm II	3
CSC 101 Intro to Comp	3
MAT 102 Coll Math II	3
____ ____ Social Science Req	3
REL 101 Intro to Religion	<u>3</u>
	15

Sophomore Year

First Semester

____ ____ Humanities Req	3
____ ____ Foreign Language Req	3
____ ____ Intro to Sociology	3
BIO130 Prin of Biology	3

Second Semester

____ ____ Foreign Language Req	3
HIS 200 History of USA	3
COM 103 Intro to Pub Speaking	3
CHE111 Gen Chemistry I	3

BIO 131 Prin of Bio Lab	1	CHE 112 Gen Chem II Lab	1
PSY 200 Intro to Psychology	<u>3</u>	CRJ 200 Intro to Crim Just	<u>3</u>
	16		16

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 309 Adv Gram & Comp	3	SOC 309 Soc of Deviance	3
CRJ 301 Criminal Law I	3	CRJ 307 Criminology	3
SSC 302 Intro to Stat	3	SSC 406 Advanced Statistics	3
SSC 300 Research Mthds	3	POL 302 State & Local Govt	3
POL 301 US Government	<u>3</u>	CRJ 411 Drugs, Alcohol & Cr	3
	15	PAD 306 Admin Behavior	<u>3</u>
			18

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
CRJ 407 Constitutional Law I	3	CRJ 405 Law Enforcement	3
CRJ 305 Confinement Facilities	3	SSC 423 Senior Project	3
PSY 308 Personality Theory	3	CRJ 410 Public and Private Sec	3
CRJ 304 Cause and Prev of Del	3	___ Approved Elective	3
CRJ 409 Crim Evid & Court Proc	3	___ Approved Elective	<u>3</u>
CRJ 412 Criminal Investigation	<u>3</u>		15
	18		

Approved Electives

CSC 231 Basic Computer Programming
 BIO 320 Ecology and
 BIO 321 Ecology Lab
 CRJ 303 Correctional Philosophy and Services
 CRJ 408 Constitutional Law II
 CRJ 406 Senior Seminar
 CRJ 302 Criminal Law II
 SSC 421 Field Placement

Bachelor of Arts in Criminal Justice

Concentration in Pre-Law

These courses in these areas will provide each student with both the needed skills and foundation that will lead to either the successful pursuit of employment opportunities or additional graduate or professional school studies.

Freshman Year

First Semester

ENG 101 Eng Comm I
REA 101 Crit Think/ Read
MAT 101 Coll Math I
HIS___ African Amer Hist
FMC 101 Ed & Life Seminar
PED 110 Dim of Wellness

Second Semester

3 ENG 102 Eng Comm II 3
3 ___ ___ Nat Sci Req 3
3 MAT 102 Coll Math II 3
3 ___ ___ Social Science Req 3
3 REL 101 Intro to Religion 3
2 15

17

156

Sophomore Year

First Semester

___ ___ Humanities Req
___ ___ Foreign Lang Req
SOC 200 Intro to Sociology
___ ___ Natural Science Req
PSY 200 Intro to Psychology

Second Semester

3 ___ ___ For Lang Req 3
3 COM 103 Intro to Pub Speak 3
3 CRJ 200 Intro to Criminal Just 3
3 HIS 200 History of the USA 3
3 CSC 101 Intro to Computers 3

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* A GPA of no less than a 3.00 is required for all courses in advanced English to enter and remain in this area

Junior Year

First Semester

ENG 309 Advanced Gram & Comp
CRJ 301 Criminal Law I
POL 301 US Government
SSC 300 Research Mthds
SSC 302 Intro to Statistics
CRJ 305 Confinement Facilities

Second Semester

3 SOC 309 Soc of Deviance 3
3 CRJ 302 Criminal Law II 3
3 SSC 406 Adv Statistics 3
3 POL 302 State & Local Govt 3
3 CRJ 306 Corr Phil & Serv 3

3

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Senior Year

First Semester

CRJ 307 Criminology	3
CRJ 403 Police Admin	3
CRJ 407 Constitutional Law I	3
CRJ ____ Approved Elect	3
POL 409 Political Theory	3
CRJ 436 Criminal Evid & Court Pro	3
	18

Second Semester

SSC 421 Field Placement I	6
SSC 423 Senior Project	3
POL 408 Constitutional Law II	3
____ Approved Elect	3
	15

APPROVED ELECTIVES

CRJ 304 Causes & Prev of Delinq	3
CRJ 305 Confinement Fac	3
CRJ 306 Correct Phil & Svcs	3
PAD 306 Admin Behavior	3
PAD 305 FL Law & Pub Governance	3
POL 330 Intl Politics	3
POL 333 Politics of Gov Finance	3
POL 436 Political Theory	3
POL 430 Research in Poli Sci	3
POL 337 Pub Policy Analysis	3
SSC 424 Field Experience	3

Bachelor of Arts in
International Studies

International Studies is an interdisciplinary major which draws upon the resources of faculty and divisions across the college. This major provides students with a specialized education in the growing international job market. Graduates find occupations in the corporate world, the public sector, start their own business, or pursue graduate studies. The International Studies major consist of social, cultural, language, and business components. The minimum grade of "C" is required in all major courses. The advisor's approval is needed when choosing electives within this major.

Freshman Year

First Semester

ENG 101 Eng Comm I

Second Semester

3 ENG 102 English Comm II	3
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REA 101 Crit Think/Read	3	___ ___ Natural Science Req	3
MAT 101 College Math I	3	MAT 102 College Math II	3
HIS ___ African Amer Hist	3	HIS ___ History/Govt Req	3
FMC 101 Ed & Life Sem	3	REL 101 Intro. to Religion	<u>3</u>
PED 110 Dim of Wellness	<u>2</u>		15
	17		

Sophomore Year

First Semester

ENG 309 Adv Gram & Comp or	3
___ ___ Literature Course or	
___ ___ Philosophy Course	
___ ___ Foreign Lang Req	3
COM 103 Intro to Public Speaking	3
SSC 200 Cultural Anthropology	3
PSY 200 Intro to Psychology	3

Second Semester

BUS 211 Principles of Mgmt	3
___ ___ Foreign Language Req	3
___ ___ Humanities Req	3
___ ___ Foreign Lang Req	3
___ ___ Humanities Req	3
CSC 101 Intro to Computers	3
SOC 200 Intro to Sociology	3

Junior Year

First Semester

ECO 201 Prin of Macroecon	3
POL 301 U.S. Govt	3
SSC 302 Intro to Statistics	3
PAD 301 Concepts & Issues PAD	3
SSC 300 Research Methods	3
___ ___ Interm Foreign Lang Req	<u>3</u>
	18

Second Semester

ECO 202 Prin of Microecon	3
POL 311 Comparative Govt	3
___ ___ Approved Elect	3
___ ___ Approved Elect	3
GEO 303 World Reg Geo	3
___ ___ Interm Foreign Lang Req	<u>3</u>
	18

Senior Year

First Semester

BUS 402 International Business	3
ECO 420 Intl Eco. & Trade	3
MAR 301 Principles of Mktg	3
___ ___ Surv of French or	
Hispanic Cult. & Civ	3
___ ___ Approved Elect	<u>3</u>
	15

Second Semester

POL 438 Intl Law & Org	3
POL 330 Intl Politics	3
MAR 462 Intl Marketing	3
___ ___ Approved Elective	<u>3</u>
	15

Approved Electives

Approved Electives

Business Administration (3 credits of the following)

BUS 344 Business Organization and Management	3
ECO 471 Money and Capital Markets	3
BUS 497 International Money and Finance	3

Humanities (6 credits of the following)

ENG 311 Business and Professional Speaking	3
ENG 321 Business and Professional Writing	3
ENG 361 Cross-Cultural/Gender Communication	3
ENG 201 World Literature I	3
ENG 202 World Literature II	3

Social Sciences (3 credits of the following)

SOC 304 Social Psychology	3
SOC 307 Community Organization	3
SSC 423 Senior Project	3

Bachelor of Arts in

Political Science and Public Administration

The program in political science with a concentration in public administration offers background and preparation for students seeking to enter graduate schools, government service, or teaching of political science in secondary schools. Students interested in teaching in secondary schools must consult with the Division of Education concerning additional courses to be taken in order to meet graduation and certification requirements. Students interested in pursuing law as a career will work closely with their pre-law advisor.

Freshman Year

First Semester

ENG 101 Eng Comm I

Second Semester

3 ENG 102 English Comm II

3

REA 101 Crit Think/Read	3	_____	Natural Science Req	3
MAT 101 College Math I	3	MAT 102 College Math II		3
HIS _____ African Amer Hist	3	_____	Social Science Req	3
FMC 101 Ed & Life Sem	3	REL 101 Intro. to Religion		<u>3</u>
PED 110 Dim of Wellness	<u>2</u>			15
	17			

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
_____ Humanities Req	3	SOC 200 Intro to Sociology	3
_____ Foreign Language Req	3	_____ Foreign Language Req	3
_____ Social Sciences Req	3	_____ Humanities Req	3
_____ Natural Science Req	3	COM 103 Intro to Public Speaking	3
PSY 200 Intro to Psychology	<u>3</u>	CSC 101 Intro to Computers	<u>3</u>
	15		15

Junior Year

<u>First Semester</u>		<u>Second Semester</u>	
HIS 200 History of the USA	3	PAD 304 Public Personnel Admin	3
POL 301 U.S. Govt	3	POL 302 State & Local Govt	3
SSC 300 Research Methods	3	PAD 306 Admin Behavior	3
PAD 301 Concepts & Issues	3	_____ Approved Elect	3
POL 335 Constitutional Law I	<u>3</u>	POI 408 Constitutional Law II	<u>3</u>
	18		18

Senior Year

<u>First Semester</u>		<u>Second Semester</u>	
PAD 303 Principles of Pub Planning	3	POL 436 Political Theory	3
PAD 305 FL Law & Pub Gov	3	POL 403 Mgmt of Fed Govt	3
SSC 301 Intro to Statistics	3	POL 333 Policies of Govt Fin	3
SSC 421 Field Placement I	<u>6</u>	SSC 423 Senior Project	3
	15	_____ Approved Elect	<u>3</u>
			15

Bachelor of Science in Psychology

The program in psychology aims to help students gain a better understanding of human behavior. Opportunities are provided for students to learn essential methods, concepts, principles, and theories of psychology. Students learn techniques, which can be used to improve self-esteem, motivation, and sensitivity. Psychology majors study the nature, causes and treatment of psychological disorders. Majors also study human emotions, sexuality, and psychological development.

Students majoring in psychology are prepared for positions in community mental health agencies and hospitals, as well as in research centers. Graduates are encouraged, however, to continue their study on the graduate level.

GRADUATION REQUIREMENTS

This degree program requires at least 124 semester hours for completion.

161

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 Eng Comm I	3	ENG 102 English Comm II	3
REA 101 Crit Think/Read	3	____ Natural Science Req	3
MAT 101 College Math I	3	MAT 102 College Math II	3
HIS ____ African Amer Hist	3	____ Social Science Req	3
FMC 101 Ed & Life Sem	3	REL 101 Intro. to Religion	<u>3</u>
PED 110 Dim of Wellness	<u>2</u>		15
	17		

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Humanities Req	3	SOC 200 Intro to Sociology	3
____ Foreign Language Req	3	____ Foreign Language Req	3
____ Social Sciences Req	3	____ Humanities Req	3
____ Natural Science Req	3	COM 103 Intro to Public Speaking	3
PSY 200 Intro to Psychology	<u>3</u>	CSC 101 Intro to Computers	<u>3</u>
	15		15

Junior Year

First Semester

PSY 301 Psychopathology	3
PSY 303 Experimental Psychology	3
SSC 300 Research Methods	3
PSY 312 Intro to Statistics	3
PSY 308 Personality Theory	3
	<u>15</u>

Second Semester

PSY 302 Clinical Psychology	3
PSY 306 Developmental Psych	3
PSY 340I Advanced Statistics	3
___ ___ Approved Elective	3
___ ___ Approved Elective	3
	<u>15</u>

Senior Year

First Semester

PSY 403 Psychology of Learning	3
PSY 405 Assessment & Evaluation	3
PSY 410 Practicum I	6
___ ___ Approved Elective	3
PSY 406 Social Psychology	3
	<u>18</u>

Second Semester

PSY 402 Clinical Interview	3
SOC 305 Group Dynamics	3
PSY 41I Practicum II	6
SSC 423 Senior Project	3
___ ___ Approved Elect	3
	<u>18</u>

Approved Electives:

PSY 310 Community Psychology	3
PSY 407 Psychology of African Americans	3
SOC 309 Sociology of Deviance	3
SOC 402 Racial & Cultural Group	3
SOC 403 Marriage & Family	3
SSC 321 Cooperative Education in Social Sciences	6

(Social Sciences course offerings, 300 level or higher, not required by this major)

Bachelor of Arts in Sociology

Students majoring in sociology learn concepts, methods, theories and perspectives important to the study of social relationships, social struc-

tures, social institutions, and society. This field study allows students to gain practical as well as theoretical insight into human interaction. Students majoring in sociology are concerned with the study of social life and the causes and consequences of human behavior. Sociology, includes study of each aspect of the self in relationships with others, and each aspect of the social world that affects a person's thoughts, actions and deeds.

Students majoring in sociology learn of the dynamics of group behavior, the power and potential of community groups, and the implication of marriage and the family. These students must also become familiar with the literature of social problems, such as crime, violence, deviance, racism, and sexism.

Students graduating with a degree in sociology often find employment in social service agencies, law enforcement agencies, treatment centers, and rehabilitation facilities. Sociology majors are encouraged to consider further study on the graduate level.

GRADUATION REQUIREMENTS

This degree program requires at least 124 semester hours for completion.

Freshman Year

<u>First Semester</u>		<u>Second Semester</u>	
ENG 101 Eng Comm I	3	ENG 102 English Comm II	3
REA 101 Crit Think/Read	3	____ Natural Science Req	3
MAT 101 College Math I	3	MAT 102 College Math II	3
HIS ____ African Amer Hist	3	____ Social Science Req	3
FMC 101 Ed & Life Sem	3	REL 101 Intro to Religion	<u>3</u>
PED 110 Dim of Wellness	<u>2</u>		15
	17		

Sophomore Year

<u>First Semester</u>		<u>Second Semester</u>	
____ Humanities Req	3	SOC 200 Intro to Sociology	3
____ Foreign Language Req	3	____ Foreign Language Req	3
____ Social Sciences Req	3	____ Humanities Req	3
____ Natural Science Req	3	COM 103 Intro to Public Speaking	3
PSY 200 Intro to Psychology	<u>3</u>	CSC 101 Intro to Computers	<u>3</u>

15

15

Junior Year**First Semester**

SOC 303 Social Problems	3
SOC 305 Group Dynamics	3
SOC ____ Sociology Elective	3
PSY 312 Intro to Statistics	3
PSY 310 Community Organization	3
	15

Second Semester

SSC 300 Research Methods	3
SOC 304 Social Psychology	3
SOC 308 Urban Sociology	3
____ Approved Elective	3
PSY 401 Advanced Statistics	3
____ Approved Elective	3
	18

Senior Year**First Semester**

SOC 306 Urban Social Movement	3
SOC 403 Marriage & Family	3
SSC 421 Field Placement I	6
____ Approved Elective	3
	15

Second Semester

SOC 309 Sociology of Deviance	3
SOC 402 Racial & Cultural Grps	3
SSC 423 Senior Project	3
____ Approved Elect	3
SSC 309 Sem in Soc Theory	3
	15

164

Approved Electives

SOC 400 Independent Study	3
SOC 405 Survey Research	3
PSY 407 Psychology of African Americans	3
SSC 321 Cooperative Education in the Social Sciences	6
SSC 422 Field Placement II	6
SSC 424 Field Experience	3
SOC 431 Seminar in Drug Abuse	3
SOC 450 Sociology of Religion	3

(Social Sciences course offerings, 300 level or higher, not required by this major)

Minor in African American Studies

An interdisciplinary program in African American Studies is available to

students with a significant interest and commitment to serious academic study of African American history and culture. Upon entering the program, a student with a minor in African American Studies shall, consult with the Chair of the Division of Social Sciences and plan his/her program of study. This student is required to complete 18 hours for the minor in African American Studies, including HIS 103 African American History I (3). HIS 104 African American History II (3). SOC 406 Contemporary Black America (3). ENG 207 Afro-American Literature (3) and two electives from the following options:

Required Courses:

HIS 103 African American History I	3
HIS 104 African American History II	3
SOC 406 Contemporary Black America	3
ENG 207 Afro-American Literature	<u>3</u>
	12

ELECTIVES

In addition to the aforementioned core requirements, this minor requires students to choose a minimum of two (2) of the following courses:

HIS 335 Africa in the Modern World	3
HIS 350 History of the Caribbean	3
SOC408 African American Women in American Society	3
POL 331 Politics of Black Americans	3
PSY 407 Psychology of African Americans	3

Minor in Criminal Justice

A minor in criminal justice requires a minimum of 18 credits hours in criminal justice courses. Courses taken for a minor in criminal justice are taken above and beyond the credit requirements for any major. Students may choose 18 credit hours from the following courses:

CRJ 200	Introduction to Criminal Justice	3
CRJ 301	Criminal Law I	3
CRJ 302	Criminal Law II	3
CRJ 303	Probation and Parole	3
CRJ 305	Causes and Prevention of Delinquency and Crime	3
CRJ 306	Correctional Philosophy and Services	3
CRJ 403	Law Enforcement	3
CRJ 407	Constitutional Law I	3
CRJ 408	Constitutional Law II	3
CRJ 409	Criminal Evidence and Court Procedure	3

Minor in History

A program of study in history serves as a sound foundation for students who seek careers in various branches of government work; in teaching, from the public schools to the university level; in regional and local history society work; in museum work; in park administration; in archives and records management; in religion; and in business and industry.

166

Students seeking a minor in history will complete a minimum of 18 credit hours of history including HIS 300, HIS 321, 324; 3 credit hours of advanced courses in each of the following: U.S. History, African or Caribbean History, and Non-Western History. All courses are to be chosen by the student in consultation with a divisional advisor and must be passed with a grade of "C" or higher.

Prospective minors should consult a departmental advisor as early as possible. Students are required to have a graduation interview with their advisors during the final semester of study.

REQUIRED COURSES

HIS 101	World Civilization I	3
HIS 200	History of the United States	3
HIS 300	Historical Thought and Writing	3
HIS 430	Selected Topics in History	<u>3</u>
		12

ELECTIVES

In addition to the aforementioned core requirements, this minor

requires students to choose a minimum of two (2) of the following courses:

HIS 102	World Civilization II	3
HIS 321	U.S. History to 1865	3
HIS 324	U. S. History Since 1865	3
HIS 335	Africa in the Modern World	3
HIS 350	History of the Caribbean	3
HIS 400	History of the Non-Western World	3
SOC 408	African American Women in American Society	3
HIS 410	History of Florida and the South	3
HIS 420	Independent Study	3

Minor in Political Science

A minor in political science requires a minimum of 18 credit hours in political science courses. Course taken for a minor in political science are taken above the course/credit requirements for any major. Students may choose 18 credit hours from the following courses:

167

POL 301	US Government	3
POL 302	State and Local Government	3
POL 311	Comparative Government	3
POL 333	Politics of Government Finance	3
POL 403	Management of Federal Government	3
POL 407	Constitutional Law I	3
POL 408	Constitutional Law II	3
POL 436	Political Theory	3

Minor in Public Administration

A minor in public administration requires a minimum of 18 credit hours in public administration courses. Credits taken above the course/credit requirements for any major. Students may choose 18 credit hours from the following courses:

PAD 301	Concepts and Issues in Public Admin	3
PAD 302	Management of Urban Government	3

PAD 303 Principles of Public Planning	3
PAD 304 Public Personnel Administration	3
POL 403 Management of Federal Government	3
POL 407 Constitutional Law I	3
POL 408 Constitutional Law II	3
POL 436 Political Theory	3
PAD 301 Concepts and Issues in Public Administration	3
PAD 302 Management of Urban Government	3
PAD 303 Principles of Public Planning	3
PAD 304 Public Personnel Administration	3
PAD 305 Florida Law and Public Governance	3
PAD 306 Administrative Behavior	3
PAD 401 Management of State Government	3

Minor in Psychology

A minor in psychology requires a minimum of 18 credit hours in psychology courses. Courses taken for a minor in psychology are taken above and beyond the credit/course requirements for any major. Students may choose 18 credit hours from the following:

PSY 301 Psychopathology	3
PSY 302 Clinical Psychology	3
PSY 303 Experimental Psychology	3
PSY 306 Developmental Psychology	3
PSY 308 Personality Theory	3
PSY 310 Community Psychology	3
PSY 401 Advanced Statistics	3
PSY 302 Clinical Psychology	3
PSY 403 Psychology of Learning	3
PSY 405 Assessment and Evaluation	3
PSY 406 Social Psychology	3

Minor in Sociology

A minor in sociology requires a minimum of 18 credit hours in sociology courses. Courses taken for a minor in sociology are taken above and

beyond the credit/course requirements for any major. Students may choose 18 credit hours from the following courses:

SOC 303 Social Problems
SOC 304 Social Psychology
SOC 305 Group Dynamics
SOC 306 Urban Social Movements
SOC 307 Community Organization
SOC 308 Urban Sociology
SOC 309 Sociology of Deviance
SOC 402 Racial and Cultural Groups
SOC 403 Marriage and Family
SOC 404 Seminar Social Theory
SOC 406 Contemporary Black America
SOC 408 African American Women in American Society

Minor in Social Work

A minor in social work serves as an excellent background for students desiring to directly assist those in need or in trouble. The aim of social work is to alleviate problems. Students interested in learning about the field of social work and the role of social workers may find this minor very rewarding.

Students are introduced to the methods commonly used by social workers. Casework, group work, and community organizations are important tools of social work and are required courses for students entering this minor.

A minor in social work requires a minimum of 18 credit hours in social work courses. It is recommended that students minoring in social work complete SOC 307 and SOC 305. Courses taken for a minor in social work are taken above and beyond the credit/course requirements for any major. Students may choose 18 credit hours from the following courses:

Prospective minors should consult the division chair as early as possible.

CORE REQUIREMENTS

SOW 300 Introduction to Social Work	3
SOW 301 Human Behavior and Dynamics	3

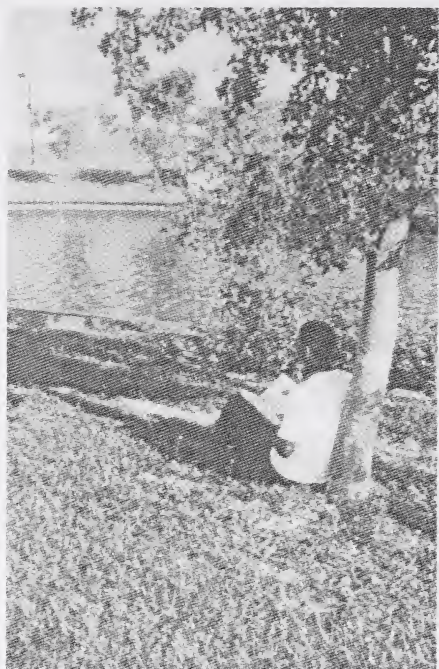
SOW 40I Social Work Practice	3
SOW 402 Social Work as a Profession	<u>3</u>
	12

ELECTIVES

In addition to the aforementioned core requirements, this minor requires students to choose a minimum of two (2) of the following courses:

SOW 403 Social Welfare as an Institution	3
SOW 405 Social Policy	3
SOW 406 Social Casework and Group Work	3
SOW 407 Aging and Social Work	3
SOW 408 Social Work Writing Techniques	3
SOW 30I Human Behavior and Dynamics	3
SOW 410 Social Work Practice I	3
SOW 41I Social Work Practice II	3

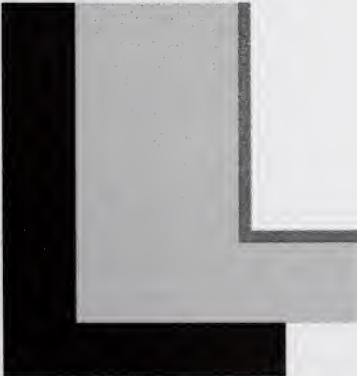






Course Descriptions

Academic Merit	Health Education
Accounting	Marketing
Airway Sciences	Mathematics
Aviation Transportation	Music
Biology	Music Business
Business Management	Modern Foreign Language
Chemistry	Philosophy
Communications	Physical Education
Computer Sciences	Physical Science
Continuing Education	Physics
Criminal Justice	Political Science
Dance	Pre-Engineering
Drama	Psychology
Economics	Public Administration
Education	Religion
English	Social Sciences
Environmental Studies	Social Work
Exceptional Student Education	Sociology
Finance	Teaching English to Speakers of Other Languages
General Education	Visual Arts
History	
Honors	



Course Descriptions

All course descriptions listed below are arranged alphabetically by subject area, alphabetically by prefix and then numerically for those descriptions with the same prefix. The digits in parentheses immediately following the course titles represent the respective semester credit hours given for a course. The first digit of the course number generally indicates the classification level: 0—non-college, 1—freshman, 2—sophomore, 3—junior, 4—senior. The abbreviated codes F, Sp, Su represent the term(s) in which the course is offered, Fall, Spring and Summer, respectively.

<u>Subject Area</u>	<u>Course Prefix(es)</u>
Academic Merit	DSE, DSM, DSR
Accounting	ACC
Airway Sciences	AWS
Aviation Technology	AVT
Biology	BIO
Business Management	BUS
Chemistry	CHE
Communications	COM
Computer Sciences	CSC
Continuing Education	POR
Criminal Justice	CRJ
Dance	DAN
Drama	DRA
Economics	ECO
Education	EDU
English	ENG
Environmental Studies	ENV
Exceptional Student Education	ESE
Finance	FIN
General Education	CLS, FMC, REA
History	HIS
Honors	ENG, MAT, SEM, HIS, SCI, RSC
Health Education	HED
Marketing	MAR
Mathematics	MAT
Music	MUS
Music Business	MUB
Modern Foreign Language	FRE, SPA,
Physical Education	PED
Physical Science	PSC
Physics	PHY
Political Science	POL
Pre-Engineering	PEG

Psychology	PSY
Public Administration	PAD
Religion & Philosophy	PHI, REL
Social Sciences	SSC
Social Work	SOW
Sociology	SOC
Teaching English to Speakers of Other Languages....	ESO, ENG
Visual Arts	ART

Academic Merit

174

DSE 099 Essentials for College English (3) F, Sp, Su

This course concentrates on the fundamentals of standard edited English for writing. It covers grammar, mechanics, usage, sentence structure, paragraph development, and essays. Information technology will be incorporated throughout the course.

DSM 098 Essentials for College Mathematics I (3) F, Sp, Su

This course is designed to enhance students' arithmetic skills. It covers operations with whole numbers, prime numbers, fractions, mixed numbers, decimal numbers, ratios and proportions, percents and their applications.

DSM 099 Essentials for College Mathematics II (3) F, Sp, Su

Prerequisite: Successful completion of DSM 098 or the required minimum score on the placement test.

This course is designed for students with good arithmetic skills. It reviews percents, and covers unit of measure, basic geometry, introductory algebra and basic applications to problem solving.

DSR 099 Essentials for College Reading (3) F, Sp, Su

This course helps students develop proficiency for reading college-level materials. It emphasizes vocabulary development, comprehension, general study techniques, and thinking skills. A minimum of 20 lab hours is required in addition to regular classes.

Accounting

ACC 211 Principles of Accounting I (3) F, Sp, Su

Prerequisite: MAT 101 or MAT 111

A study of basic accounting concepts essential to recording business transactions, preparing financial statements, and interpreting data for financial decisions. A general ledger accounting software package is utilized.

ACC 212 Principles of Accounting II (3) F, Sp, Su

Prerequisite: ACC 211.

A continuation of ACC 211 and the study of basic accounting concepts essential to recording business transactions, preparing financial statements, and interpreting data for financial decisions. A general ledger accounting software package is utilized.

ACC 311 Intermediate Accounting I (3) F, Sp

Prerequisite: ACC 212.

An in-depth analysis of the underlying concepts of external financial reporting including the preparation and presentation of financial statements.

ACC 312 Intermediate Accounting II (3) Sp, Su

Prerequisite: ACC 311.

A continuation of ACC 311 and the in-depth analysis of the underlying concepts of external financial reporting including the preparation and presentation of financial statements.

ACC 352 Managerial Accounting (3) F, Sp, Su

Prerequisite: ACC 212.

A study of the preparation, analysis, and interpretation of accounting data for management decision-making. The use of computer applications is emphasized.

ACC 411 Advanced Accounting (3) F

Prerequisite: ACC 312.

A study of the theory and practice of accounting for business combinations, multinational enterprises, governmental, and not-for-profit entities.

ACC 431 Auditing I (3) F

Prerequisite: ACC 312.

A study of auditing and attestation standards and procedures. Ethics, the responsibilities of auditors, the collection of evidence, and reporting are examined. Computer applications are applied to various audit problems.

ACC 432 Auditing II (3) Sp

Prerequisite: ACC 431.

A continuation of Auditing I with an in-depth review of internal control, the audit program, and audit procedures. Computer applications are applied to various audit

problems. The case study method is utilized.

ACC 434 Federal Income Tax I (3) F

Prerequisite: ACC 312.

A study of federal income taxation with an emphasis on the taxation of individuals. A comprehensive individual income tax return is prepared using tax software. Income tax planning and tax research are introduced.

ACC 435 Federal Income Tax II (3) Sp

Prerequisite: ACC 434.

A study of the taxation of partnerships, corporations, estates and trusts, and not-for-profit entities. Income tax research is emphasized. Comprehensive income tax returns are prepared using tax software.

ACC 452 Cost Accounting (3) Sp

Prerequisite: ACC 212.

A study of the procedures and principles of cost accounting. Emphasis is on the accumulation, reporting, and use of cost information for purposes of managerial decision-making.

ACC 454 Computer Accounting (3) Sp

Prerequisite: ACC 212 and CSC 101.

This course features the use of accounting software in the application of accounting principles with emphasis on new microcomputer technology, database management, general ledger, and spreadsheet analysis.

ACC 455 International Accounting (3) Sp

Prerequisite: ACC 312 or Advisor's Recommendation

A study of international accounting standards, efforts to harmonize accounting standards, problems of accounting for multinational companies, and a comparative analysis of accounting practices in different countries.

ACC 461 Governmental and Nonprofit Accounting (3) Sp

Prerequisite: ACC 312.

An analysis of the characteristics and environment of governmental and nonprofit entities, and an in-depth study of the basic concepts and standards of such entities.

ACC 487 Seminar in Accounting (3) Sp

Prerequisite: Senior standing and approval of the Chairperson

Consideration of current issues in Accounting. Readings required from current accounting publications and other related periodicals.

Airway Sciences

AWS 200 Aviation History (3) F

A presentation dealing with the history of aviation and flight from the early attempts to the modern space age. The equipment and the flyers are considered, as well as the underlying developmental rational for the events and hardware.

AWS 201 Introduction to Aeronautics (3) F

Presents an overview of aviation, enabling the student to gain an appreciation of the complexities of the field of aeronautics. Course content includes historical background, fundamentals of flight and aeronautical technology, the social and economic impact of aerospace and future developments, and government regulations.

AWS 210 Basic Aerodynamics (3) F

Prerequisite: AWS 201 or AVT 201

The history and development of aerodynamic theory will be introduced and the student will become familiar with airfoil theory and wing theory. Basic performance parameters will include the use of performance charts. The course will stress subsonic incompressible flow and supersonic compressible flow. Special consideration will be given to transonic flight.

177

AWS 232 Air Traffic Control (3) F, Sp

Prerequisite: AWS 201 or AVT 201

A study of the national air traffic control system with emphasis on basic air traffic control procedures. Course content includes the role of air route traffic control centers, approach controls, control towers, and flight service stations. Also covers communications, navigation procedures, radar operations, and facilities.

AWS 270 Aircraft Engines (3) Sp

Prerequisite: AWS 201 or AVT 201

This course will study aircraft engines to include reciprocating and various turbine configurations. Mechanical relationships, components, power calculations and performance charts will be stressed.

AWS 301 Principles of Transportation (3) F

Prerequisites: AWS 201 or AVT 201

An introduction, survey, and analysis of transportation including rail, motor, air, water, pipeline, and mass transit, with a look at their impact on the social and economic systems of the U.S.

AWS 305 VFR Tower Operations (3) F

Prerequisite: AWS 232

Designed to familiarize students with Air Traffic Control procedures in the visual environment. Emphasis is placed on the responsibilities of local, ground, flight

data, and coordinator positions. Also included are the regulations which govern flight under visual conditions, separation in the terminal area, and development of controller techniques will be discussed.

AWS 310 Aviation Legislation (3) Sp

Prerequisite: AWS 201 or AVT 201

Emphasizes legal concepts concerning aviation as related to aircraft and flight operations, early airmail legislation, contracts, insurance and liability, regulatory statutes, and case law.

AWS 315 ATC Radar Procedures (3) Sp

Prerequisite: AWS 232.

Designed to introduce and to familiarize the student with procedures used in identifying, monitoring, vectoring and separating aircraft utilizing Airport Surveillance Radar (ASR) and Precision Approach Radar (PAR) systems.

AWS 320 Air Transportation (3) F

Prerequisite: AWS 201 or AVT 201

A survey of the historical development of the air transportation system including the impact of legislation, problems encountered in commercial air transportation, future industry requirements, airline operations, aviation economics, and social implications.

AWS 340 Passenger Traffic Management (3) F

Prerequisite: AWS 320

An introductory course covering the human side of transportation. Course content includes passenger public relations, reservations, ticketing, and regulations pertaining to passengers.

AWS 351 Aviation Labor Relations (3) Sp

Prerequisite: AWS 320

An analysis of labor and management relationships and their often differing goals. Course content includes historical development, unions and collective bargaining, contracts, labor legislation and the role of government.

AWS 360 Transportation Economics (3) Sp

Prerequisite: AWS 320

An analysis of rate making and economic policies of the passenger and cargo segments of the various modes of transferal including truck, railroad, airline, and ocean transportation. Also covers business economic operations such as costs, pricing, capital formation, and analysis of marketing problems.

AWS 390 Airline Management (3) F

Prerequisite: AWS 320

The application of management principles to airline operations. Emphasis is on the characteristics of airline financing, marketing, scheduling, facilities planning,

maintenance and governmental relations and regulations.

AWS 395 Airport Management (3) Sp

Prerequisite: AWS 320.

A comprehensive study of airport operations and management including analysis of the role of the airport manager in planning, finance and administration, public relations, operations and facility maintenance.

AWS 401 The National Airspace System (3) F

Prerequisite: AWS 320

An overview of the proposed National Airspace System Plan. Course covers problems encountered in implementing the system, airspace allocation and usage, facilities, safety considerations, new developments in electronic navigation and control systems, economic impact, and social and political implications.

AWS 415 Seminar in Aviation Science (3) F

This course will provide a format for the aviation student to receive exposure to guest lectures, present special aviation topics and participate in group discussion on current topics in aviation.

AWS 418 Cockpit Resources Management (CRM) (3) Sp

This course will apply the theory and methods developed in the Aviation psychology course and will focus on the knowledge in a cockpit setting. The emphasis will be on the human factors aspects of cockpit crew management and additional psychological concepts as they relate to cockpit management.

179

AWS 420 Flight Safety (3) F

Prerequisite: AWS 201

A presentation and analysis of factors and procedures relating to aviation safety. Includes techniques for accident prevention, development of safety programs, procedures used in accident investigation, the human factor (physiological and psychological), and the effect of weather on safety.

AWS 425 Aircraft Accident Investigation (3) Sp

Prerequisites: AWS 201 or AVT 201 and AWS 320.

A course designed to acquaint the aviation student with procedures, techniques, and methods of determining causes of accidents. The roles of the various investigative bodies, and their responsibilities and obligations will be stressed.

AWS 430 Flight Physiology (3) Sp

Prerequisite: AWS 201 or AVT 201

The course will focus on human factor considerations related to the aerospace environment, including both the psychological and physiological concerns. Special topics will include the cause, symptoms, prevention, and treatment of flight environment disorders.

AWS 440 Management Decision Making (3) Sp*Prerequisite: BUS 231*

This course examines the processes used by managers and executives to make decisions which affect the internal functions and external environments of their organizations. Managerial problem solving, strategic planning, organizational processes and procedures, and leadership and motivation are covered.

AWS 450 Thesis in Aviation Studies (3) F, Sp*Prerequisite: Permission of the Chairperson.*

A review of all aviation course work completed by the student. The student will complete a major aviation research paper which must be presented before an audience of divisional and/or college faculty members.

AWS 498 Cooperative Education in Aviation I (I-6) F, Sp, Su*Prerequisite: Permission of the Chairperson*

Provides entry level aviation and/or transportation work experience with a federal, state, or local government agency, private business, or other agency.

AWS 499 Cooperative Education in Aviation II (I-12) F, Sp, Su*Prerequisite: Permission of the Chairperson*

Provides advanced aviation and/or transportation work experience with a federal, state, or local government agency, private business, or other agency.

180

Aviation Technology

AVT 201 Private Pilot Certification - Ground (3) F

Designed to prepare students for the FAA Private Pilot Written Examination. Subject areas covered in the course include basic aerodynamics, navigation, weather, communications, aircraft operations, weight and balance, various publications, and the Federal Aviation Regulations.

AVT 202 Private Pilot Certification - Flight (2) F, Sp, Su*Co-requisite: AVT 201*

Designed to provide students with the flight experience necessary for the FAA Private Pilot Certification.

AVT 203 Navigation and Performance (3) Sp

This course provides students with skills and knowledge necessary to successfully complete the navigation and performance requirements specified for instrument and commercial pilots. It will focus on both jet and reciprocating aircraft and include high performance/high altitude turbine applications.

AVT 301 Instrument Rating - Ground (3)F, Sp, Su*Prerequisites: AVT 201 and AVT 202.*

Designed to prepare students for the FAA Instrument Written Examination.

Subject areas covered in the course include the IFR air traffic system, various publications and regulations, IFR navigation and aids, IFR charts, instrument approaches, and weather.

AVT 302 Instrument Rating - Flight (2) F, Sp, Su

Co-requisite: AVT 301

Designed to prepare and to provide students with the flight experience necessary for the FAA Instrument rating.

AVT 303 Commercial Pilot Certification -Ground (3) F, Sp, Su

Prerequisites: AVT 201 and AVT 202

Designed to prepare students for the FAA Commercial Pilot Written Examination. Subject areas covered in the course include aerodynamics, high performance and complex airplane operations, weight and balance, NTSB reporting requirements, and various publications and the FARs.

AVT 304 Commercial Pilot Certification - Flight (2) F, Sp, Su

Co-requisite: AVT 303

Designed to prepare and to provide students with the flight experience necessary for the FAA Commercial Pilot Certification.

AVT 305 Multi-Engine Rating - Flight (2) F, Sp, Su

Prerequisites: AVT 301, AVT 302, AVT 303, and AVT 304

Designed to provide students with the flight experience necessary to meet the FAA requirements for the multi-engine class rating.

181

AVT 401 Principles of Flight Instructing I (3) F, Sp, Su

Prerequisites: AVT 201 and AVT 202

Designed to prepare students for the FAA Fundamentals of Instructing Written Examination and for the FAA Basic Ground Instructor Written Examination.

AVT 405 Multi Engine Aircraft Systems (3) F

Prerequisite: AWS 201

This course will focus on the aircraft systems, hydraulics, flight, fuel, and others as they relate to modern jet powered aircraft.

AVT 411 Certified Flight Instructor - Airplane (2) F, Sp, Su

Prerequisites: AVT 301, AVT 302, AVT 303, and AVT 304. Co-requisite: AVT 401

Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with an Airplane Single-engine Land Rating.

AVT 412 Certified Flight Instructor - Instrument (2) F, Sp, Su

Prerequisite: AVT 411. Co-requisite: AVT 402

Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with an Instrument Airplane Rating.

AVT 413 Certified Flight Instructor - Multi-Engine (2) F, Sp, Su

Prerequisite: AVT 411. *Co-requisite:* AVT 402.

Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with a Multi-Engine Land Rating.

Biology

BIO 101 Biological Science (3) F, Sp, Su

This course is for non-science majors only. Fundamental concepts in biology are presented. Topics include structure and functions of cells, introductory genetics, reproduction, and physiology. Emphasis is on human organ systems.

BIO 130 Principles of Biology (3) F, Sp, Su

Co-requisite: BIO 131.

This course deals with the basic biological principles and how they are interrelated; the scientific and biological study of living systems; the organizational structure of the living world at all levels of organization from the molecule to the biosphere. The principles of chemistry and biochemistry, and the functional and operational properties of living matter are included.

BIO 131 Principles of Biology Laboratory (1) F, Sp, Su

Co-requisite: BIO 130.

This laboratory involves the study of the use of the compound microscope, examination of living cultures of protozoa and other organisms, microscopic examination of animal and plant cells, animal tissues, identification of biological molecules, enzyme action, fermentation, cellular respiration, photosynthesis, mitosis, and dissection of frogs.

BIO 200 Human Anatomy and Physiology (3) F, Sp, Su

Prerequisites: BIO 101, or BIO 130 and 131.

Structure and functions of various organs and systems in the human body.

BIO 201 Human Anatomy and Physiology Lab (1) F, Sp, Su

Co-requisite: BIO 200.

Anatomical and physiological study of the integumentary system, skeletal system, muscular system, nervous system, circulatory system, sensory system, lymphatic system, endocrine system, and the reproductive system. Students may be required to visit local morgue to observe autopsy.

BIO 204 General Zoology (3) F, Sp, Su

Prerequisites: BIO 130 and 131. *Co-requisite:* BIO 205.

Biology of invertebrates and vertebrates, including the structures of the body and its organization into special systems that carry on essential life processes. The more general phases of animal existence—reproduction, heredity, distribution, and evolution—are included, in addition to an introduction to classifying and naming

animals.

BIO 205 General Zoology Lab (I) F, Sp, Su

Co-requisite: BIO 204

Study of the classification of living organisms including all the invertebrate and vertebrate phyla.

BIO 206 General Botany (3) F, Sp, Su

Prerequisites: BIO 130 and 131.

An organic approach to plant biology is emphasized along with the structural and functional relationships of plant organs, with special attention given to physiological activities. Other aspects of the course are photosynthesis, fundamental concepts of biology, regulation, growth and development of seed plants, life cycles, reproduction and success in the plant kingdom, and dynamics of plant populations and ecology.

BIO 207 General Botany Lab (I) F, Sp, Su

Co-requisite: BIO 206

Morphological and anatomical study of seeds, roots, stems, leaves, flowers, and fruits. It includes field trips to local botanical gardens to study the local flora and their taxonomy.

183

BIO 220 Comparative Anatomy (3) F, Sp, Su

Prerequisite: BIO 204 and 205. Co-requisite: BIO 221.

Basic patterns of vertebrate structure and development, and the functions of these structures in terms of adaptive significance.

BIO 221 Comparative Anatomy Lab (I) F, Sp, Su

Co-requisite: BIO 220

A comparative study of the anatomy of various vertebrates such as the shark, perch, frog, lizard, pigeon, fetal pig, and cat.

BIO 300 Vertebrate Physiology (3) F, Sp, Su

Prerequisites: BIO 204 and 205. Co-requisite: BIO 301.

The basic principles and concepts of animal physiology. Topics include cell physiology, the nerve-muscle unit, blood, body fluids and the kidneys, heart and circulation, respiration, endocrinology and reproduction, as well as digestion, energy, metabolism, and temperature control.

BIO 301 Vertebrate Physiology Lab (I) F, Sp, Su

Co-requisite: BIO 300

Study of the cardiovascular system, respiration and metabolism, blood, renal function and homeostasis, neural stimulation of muscle contraction, digestion of starch, egg albumen and fat by enzyme action, endocrine system and reproduction.

BIO 302 Plant Physiology (3) F, Sp, Su

Prerequisites: BIO 206 and 207. *Co-requisite:* BIO 303.

Metabolism of plants; physical, chemical and environmental influences on plant metabolism; regulation and control of photosynthesis; structural and functional properties of metabolites; organization and operation of the principal metabolic activities; growth regulations and development of plants; tropisms; hormones; and a laboratory approach to the study of agricultural, horticultural, and floricultural methods.

BIO 303 Plant Physiology Lab (1) F, Sp, Su

Co-requisite: BIO 302

Physiology of seeds, seed germination, seed testing, photosynthesis, respiration, translocation, transpiration, plant growth and development, auxins and growth hormones.

BIO 304 Embryology (3) F, Sp, Su

Prerequisites: BIO 204 and 205. *Co-requisite:* BIO 305.

Study of the development of amphibian, avian and mammalian embryos from gametogenesis through organogenesis.

BIO 305 Embryology Lab (1) F, Sp, Su

Co-requisite: BIO 304

Gametogenesis, maturation and fertilization in ascaris, sea urchin development, starfish development, early development of the frog, chick, and pig embryo.

BIO 310 Genetics (3) F, Sp, Su

Prerequisites: BIO 204 and 205. *Co-requisite:* BIO 311

Study of the mechanisms of inheritance in organisms and populations; genes, DNA, chromosomes, mutations, genome, pedigrees, and genetic engineering.

BIO 311 Genetics Lab (1) F, Sp, Su

Co-requisite: BIO 310

The study of mitosis, meiosis, animals, human beings, and plant chromosomes, salivary gland chromosomes, preparation of human leucocyte chromosomes, karyotyping, genetic ratios, gene frequency, human genetic traits from phenotypes, and pedigree analysis.

BIO 320 General Ecology (3) F, Sp, Su

Prerequisites: BIO 204 and 205 or permission of advisor. *Co-requisite:* BIO 321.

A general study of the interaction of individual organisms, populations and communities with their environment. Particular emphasis is placed on the ecology of South Florida and the major ecological crises facing this area.

BIO 321 General Ecology Lab (1) F, Sp, Su

Co-requisite: BIO 320

The study of the distribution of plant and animal communities, habitants,

ecosystems and the effects of man on environment. Field trips are included.

BIO 330 Parasitology (3) F, Sp, Su

Prerequisite: BIO 130 and 131. *Co-requisite:* BIO 331

An introduction to the morphology, classification, life history, pathology, and control of parasitic and symbiotic forms of life.

BIO 331 Parasitology Lab (1) F, Sp, Su

Co-requisite: BIO 330

The study of common human and animal parasites working with preserved and/or prepared specimens.

BIO 400 Evolution (3) F, Sp, Su

Evolutionary mechanisms and theories, sources of variation, adaptation, speciation, and macroevolution, origin of life, and humankind.

BIO 410 Microbiology (3) F, Sp, Su

Prerequisites: BIO 204 and 205, or 206 and 207, CHE 110 and 111. *Co-requisite:* BIO 411.

A detailed investigation of the prokaryotic cell; structural and functional characterization of the major groups; physiological activities of the role of bacteria in the environment, emphasizing agricultural, ecological and commercial usefulness; basic concepts of immunology, virology, and pathology; laboratory culture techniques and aseptic procedures; taxonomy and characterization of bacterial species; and environmental influence on growth and availability of species.

185

BIO 411 Microbiology Lab (1) F, Sp, Su

Co-requisite: BIO 410.

Experiments and techniques in culture, growth, maintenance, and sterilization of microbes such as bacteria, algae, fungi, and viruses.

BIO 420 Cell Biology (3) F, Sp, Su

Prerequisites: BIO 204, 205, 206 and 207. *Co-requisite:* BIO 421.

A study of the fine structure of eukaryotic and prokaryotic cells, the chemical composition and organization of cells, cell metabolism and bioenergetics, the ultrastructural and molecular organization and functions of each major cell organelle or structural component, and the molecular basis of the genetic code and gene expression.

BIO 421 Cell Biology Lab (1) F, Sp, Su

Co-requisite: BIO 420.

Biochemical measurements of carbohydrates; lipids and proteins in plasma; thin layer chromatography of amino acids, amino acid sequencing; gel electrophoresis of blood proteins; measurements of enzyme activity; reactions of nucleic acids; DNA fingerprinting; mutations in yeast; transposon mutagenesis; tissue printing; and specimen preparation for light microscopy.

BIO 430 Immunology (3) F, Sp, Su

Prerequisites: BIO 204, 205, 206 and 207 or permission of instructor. *Co-requisite:* BIO 431.

A detailed investigation of the tissues, cells and biochemical components of the immune system, and the role of immune responses in the diagnosis and prevention of disease.

BIO 431 Immunology Lab (I) F, Sp, Su

Co-requisite: BIO 430.

Agglutination reactions, precipitation and flocculation tests, enzyme immunoassays, common immunologic and serologic tests, pregnancy tests, antihuman globulin reaction (Coomb test).

BIO 440 Research I (3) F, Sp, Su

Prerequisite: Permission of instructor.

An introduction to the techniques of scientific investigation. Students, with the help of the instructor, will choose a problem in biology and design a procedure for investigation. The problem may not be original; the purpose is to help students broaden and integrate their backgrounds in the biological sciences. It may involve experimentation or reading. Students write reports on their investigation with well documented supporting evidence and present them to the instructor. Then they defend their investigation orally before colleagues, faculty, and visitors during the final week of the semester.

BIO 441 Research II (3) F, Sp, Su

Prerequisite: BIO 440 and Permission of instructor.

Open to students who have successfully completed or want to continue with their investigation of the problem that they have chosen in BIO 440.

Business Administration

BUS 210 Applied Mathematics in Business (3) F, Sp

Prerequisite: MAT 102.

A representation of basic mathematical concepts, algebraic functions, and their applications in business practices.

BUS 211 Principles of Management (3) F, Sp, Su

Prerequisite: Sophomore standing.

An introductory management course dealing with the fundamental principles of management: planning, organizing, staffing, leading and controlling. The systems concept of management and the role of the manager in each level of the organization are emphasized.

BUS 215 Quantitative Methods for Business & Economics (3) F, Sp

Prerequisite: BUS 210.

To integrate quantitative subjects with business decision making analysis. The following topics are covered: matrix algebra, the concept of derivatives and its rules, and optimization. Emphasis is on business application of the above stated concepts.

BUS 240 Introduction to Hospitality Management (3) Sp

Prerequisite: Sophomore standing.

A survey course providing an overview of the hospitality industry: its history, problems and general operating procedures.

BUS 310 Business Mathematics (3) F, Su

Prerequisite: MAT 102 OR MAT 112.

This course explores mathematical problems involved in business merchandising, payrolls, calculation of simple and compound interest, discount rates, insurance, credit, and taxes.

BUS 311 Business Law I (3) F, Sp, Su

Prerequisite: Junior standing.

This course involves the study of the legal environment of business, contracts, personal and real property, bailments, and agency.

187

BUS 312 Business Law II (3) Sp, Su

Prerequisite: BUS 311.

A continuation of BUS 311 with emphasis on commercial paper, sales, partnerships, corporations, and government regulation of business.

BUS 320 Business Statistics I (3) F, Sp, Su

Prerequisite: BUS 210.

A review of mathematical procedures, probability, and sampling distributions as they are used in business.

BUS 321 Business Statistics II (3) F, Sp

Prerequisite: BUS 320.

In addition to theoretical presentation, this course will cover computer-based practical application of regression theory, and linear application of the following topics: linear regression modeling and the principles of least squares, multicollinearity and auto correlation, multiple regression, and the analysis of variance.

BUS 344 Business Organization and Management (3) F, Sp, Su

Prerequisite: BUS 211.

The practice of managing individuals and groups in today's dynamic business environment. Emphasis is placed on skills needed for managerial success. Case

studies and exercises are utilized.

BUS 345 Business Communications & Technical Writing (3) F, Sp, Su

Prerequisite: Junior standing.

A study of the techniques and approaches in writing business technical documents, including business plans, reports, proposals, newsletters, resumes, brochures and annual reports. Emphasis is on organization, data gathering, writing style, content and the packaging of documents.

BUS 350 Human Resource Management (3) F, Sp, Su

Prerequisite: BUS 211.

Introduction to the management of effectively utilizing human resources in organizations. Emphasis is on employment law, recruitment, selection, training, performance appraisal, compensation, and labor relations.

BUS 353 Principles of Insurance (3) Sp, Su

Prerequisite: BUS 210.

A study of the basic principles of insurance and theory of risks. Emphasis is on the following coverage: fire, marine, health, accident, and casualty.

BUS 355 Principles of Real Estate (3) F

Prerequisite: BUS 210 and BUS 311.

This course covers land economics, principles of real estate finance including the study of federal and state practices in mortgages, brokerage, building and construction, marketing, appraisal, and real estate law.

BUS 361 Leadership Applications (3) F, Sp

Prerequisite: Junior or Senior standing

An examination of contemporary leadership issues through application. Topics include leadership theories, leadership ethics and values, group dynamics, organizational behavior and the dynamics of power. Emphasis is placed on understanding leadership as a mind set and as a tool.

BUS 371 Cooperative Education in Business (6) F, Sp

Prerequisite: Permission of Chairperson

Provides students with an opportunity to alternate periods of academic training with employment in business-related environment. The course intends to improve the student's practical experience while receiving financial compensation. Approval of the division chairperson and the director of cooperative education is required.

BUS 372 Cooperative Education in Business (12) F, Sp

Prerequisite: Permission of Chairperson

Provides students with an opportunity to alternate periods of academic training with employment in business-related environment. The course intends to improve students' practical experience while receiving financial compensation. Approval of

the division chairperson and the director of cooperative education is required.

BUS 394 Business Ethics and Society (3) F, Sp, Su

Prerequisite: Junior standing

Introduces students to the general relationship between a business organization and the ethical, legal, political, social and international environments in which it operates. Business is examined as one of the nation's basic institutions which needs to be profitable while also fulfilling a social role.

BUS 400 Entrepreneurship (3) F, Sp

Prerequisite: BUS 211

The study of the general theories, principles, concepts, and practices of creating and launching a new business. This includes identifying opportunities, preparing a business plan, and locating sources of finance.

BUS 403 Strategic Management (3) F, Sp

Prerequisite: ACC 212, BUS 211, MAR 301, FIN 301

An advanced course designed to integrate a student's knowledge of management, marketing, finance/accounting in order to formulate, implement and evaluate business strategies. Emphasis is placed on SWOT analysis and a simulation is utilized to apply strategic management concepts to actual business decisions.

BUS 404 International Business (3) F, Sp

Prerequisite: BUS 211.

Introductory analysis of a multinational organization with emphasis given to international trade and investment, foreign exchange and financial markets, and the cultural and political interaction between a multinational corporation and the host societies.

BUS 420 Operations Research (3) F, Sp

Prerequisite: BUS 215, BUS 320.

An introductory course in operations research. Principles and application of influence charts and decision models for linear programming, networks, queuing, inventory and transportation. A working knowledge of a spreadsheet program is mandatory.

BUS 450 Business Internship & Seminar (3) F, Sp

Prerequisite: Senior standing or by permission

The course focuses on interviewing techniques, resume and cover letter writing skills, interpersonal skills, and career planning are emphasized. It also provides students with professional work experience and on-the-job training in the business sector.

BUS 480 Managerial Psychology (3) F, Su

Prerequisite: BUS 211.

A survey of people oriented aspects of management with emphasis on managerial and organizational theory which affects human engineering, psychology and labor relations.

BUS 487 Seminar in Management (3) F,Sp

Prerequisite: Junior standing and approval of the Chairperson

This course examines consideration of current issues in management. Readings required from current management publications and other related periodicals.

BUS 498 Senior Project in Business (3) F, Sp

Prerequisites: BUS 312, BUS 350, BUS 400, BUS 403, FIN 301.

A "capstone" class in business which requires students to demonstrate competence in all areas of business and a specific mastery of a particular topic in business by way of literature review and analytical analysis.

BUS 499 Independent Study (3) F, Sp, Su

This course provides independent study of specific areas with direction and supervision of business faculty.

Chemistry

CHE 110 General Chemistry I (4) F, Sp,Su

Co-requisites: MAT III and CHE III.

This course is an introduction to basic principles of modern chemistry, including atomic structure, chemical formulas, chemical equations, bonding, stoichiometry, and properties of gases.

CHE 111 General Chemistry I Laboratory (1) F, Sp,Su

Co-requisite: CHE 110.

An introduction to basic chemical laboratory principles and techniques including physical properties, physical measurements, percent composition, empirical formulas, types of chemical reactions, molar calculations, and calorimetry.

CHE 112 General Chemistry II (4) F, Sp,Su

Prerequisite: CHE 110 *Co-requisite:* CHE 113.

This course is a continuation of CHE 110, including kinetics, equilibria, oxidation-reduction, acid-base theory, periodicity, nuclear chemistry, and organic chemistry.

CHE 113 General Chemistry Laboratory II (1) F, Sp,Su

Co-requisite: CHE 112.

A continuation of CHE 111, including experiments dealing with kinetics, acid/base titration, and the qualitative analysis of metal ions.

CHE 210 Organic Chemistry I (3) F, Sp,Su

Prerequisite: CHE 112 and 113. *Co-requisite:* CHE 211.

An introduction to the fundamentals of organic chemistry—the chemistry of carbon compounds. It covers chemical nomenclature, bonding, structure, reactivity, molecular properties, stereochemistry, reaction mechanisms, and synthesis.

CHE 211 Organic Chemistry I Lab (1) F, Sp,Su

Co-requisite: CHE 210.

Applications of theory to techniques of identification, characterization, and reactions in chemical synthesis; purification, distillation, crystallization and evaporation, filtration, identification, characterization, melting and boiling point determination, spectroscopy and chromatography.

CHE 212 Organic Chemistry II (3) F, Sp,Su

Prerequisite: CHE 210. *Co-requisite:* CHE 213.

Organic synthesis reactions—Grignard, Friedel-Craft, Diels-Alder, Wittig, and Michael reactions; IR, NMR, UV-VIS, MS spectroscopy.

CHE 213 Organic Chemistry II Lab (1) F, Sp,Su

Co-requisite: CHE 212.

Techniques of chemical synthesis and methods of following chemical reactions and validating synthetic processes. Reactions covered are Diels-Alder, Wittig, Grignard, Friedel-Craft, halogenation.

191**CHE 214 Quantitative Analysis (3) F, Sp,Su**

Prerequisite: CHE 112. *Co-requisite:* CHE 215.

Fundamentals of classical quantitative analysis, including gravimetric, volumetric, acid-base, redox, compleximetric, potentiometric, and absorptiometric analyses.

CHE 215 Quantitative Analysis Lab (1) F, Sp,Su

Co-requisite: CHE 214.

Analytical laboratory techniques in quantitative analysis to include the principles of gravimetric, titrametric, and spectrophotometric analysis to quantitate material in a sample.

CHE 224 Environmental Chemistry (3) F, Sp,Su

Prerequisite: CHE 110 and CHE 112 or permission of instructor. *Co-requisite:* CHE 225

Environmental chemistry is concerned principally with the chemical aspects of problems that human beings have created in the natural environment. The chemistry of ozone layer, ground-level air chemistry and air pollution, the greenhouse effect and global warming, toxic chemicals, energy production and its environmental consequences will be discussed.

CHE 225 Environmental Chemistry Lab (I) F, Sp,Su*Co-requisite: CHE 224*

A study of the various pollutants and determination of their residues by physical and analytical methods.

CHE 340 Survey of Physical Chemistry (3) F, Sp,Su*Prerequisite: CHE110 and CHE 112 or permission of instructor. Co-requisite: CHE 341*

An introduction to the main principles of physical chemistry including fundamentals of thermodynamics as applied to gases, liquids and solutions, chemical equilibria, chemical kinetics and atomic structure.

CHE 341 Survey of Physical Chemistry Lab (I) F, Sp,Su*Co-requisite: CHE 340*

Representative experiments in physical chemistry designed to supplement CHE 340 including thermochemistry, phase diagrams, colligative properties, electrochemistry and chemical kinetics.

CHE 360 Physical Chemistry I (3) F, Sp,Su*Prerequisite: CHE 110, CHE 112 and MAT 201. Co-requisite: CHE 361*

A study of the kinetic theory of gases, enthalpy and entropy, phase diagrams, thermodynamics, colligative properties, chemical equilibrium and equilibrium electrochemistry.

CHE 361 Physical Chemistry I Lab (I) F, Sp,Su*Co-requisite: CHE 360*

Laboratory experiments designed to supplement CHE 360. Experiments related to thermochemistry, thermodynamics, phase behavior, colligative properties and chemical equilibrium will be included.

CHE 362 Physical Chemistry II (3) F, Sp,Su*Prerequisite: CHE 360 or permission of instructor. Co-requisite: CHE 363*

A study of the introduction to quantum theory, atomic structure and atomic spectra, electronic transitions, rotational and vibrational spectra, magnetic resonance, X-ray diffraction, catalysis and molecular reaction dynamics.

CHE 363 Physical Chemistry Lab II (I) F, Sp,Su*Co-requisite: CHE 362*

Laboratory experiments designed to supplement CHE 362. Experiments related to spectroscopy, kinetics, colloids, electrochemistry, diffusion and thermochemistry are performed.

CHE 380 Immunochemistry (3) F, Sp,Su*Prerequisite: CHE 112 and CHE 210 or permission of instructor Co-requisite: CHE 381*

A study of the developments in immunochemistry, humoral and cell-mediated

immunity, general types and other aspects of immunity, antibody-antigen binding, antibody-antigen reactions, antibody-hapten equilibrium expressions and Scatchard plot, intrinsic and multivalent binding, lattice theory, cross reactivity, double-diffusion ("Ouchterlony") method, immunoelectrophoresis, radial immunodiffusion, radioimmunoassay and enzyme-linked immunosorbent assay (ELISA).

CHE 381 Immunochemistry Lab (I) F, Sp,Su

Co-requisite: CHE 380 or permission of instructor

A study of the basic techniques in immunochemistry, agglutination methods, precipitation reactions, double immunodiffusion, radial immunodiffusion (RID), enzyme immunoassay (EIA), and electrophoresis techniques.

CHE 410 Instrumental Analysis (3) F, Sp,Su

Prerequisite: CHE 214, CHE 360, CHE 362 and PHY 252 or permission of instructor. *Co-requisite:* CHE 411

A study of Instrumental methods of chemical analysis including modern spectrometric methods: nuclear magnetic resonance, infrared, visible, ultraviolet and mass spectroscopy; chromatographic methods: gas-liquid and high-performance liquid chromatography.

CHE 411 Instrumental Analysis Lab (I) F, Sp,Su

Co-requisite: CHE 410

Modern methods of quantitative analysis including nuclear magnetic resonance (NMR) spectrometer, mass spectrometer, UV-VIS spectrophotometer, GC and high-performance liquid chromatography (HPLC).

CHE 430 Biochemistry (3) F, Sp,Su

Prerequisite: CHE 212 and 213. *Co-requisite:* CHE 331.

Chemistry of proteins, carbohydrates, lipids, nucleic acids, vitamins; intermediary metabolism; biosynthesis of biomacromolecules; properties of enzymes, and molecular genetics.

CHE 431 Biochemistry Lab (I) F, Sp,Su

Co-requisite: CHE 330.

Application of the principles of spectrophotometry, enzyme kinetics, chromatographic separation of materials, electrophoresis, centrifugation, and isolation of biological products.

CHE 460 Advanced Inorganic Chemistry (3) F, Sp,Su

Prerequisite: CHE 214, CHE 360 and CHE 362 or permission of instructor *Co-requisite:* CHE 461

A study of atomic structure, molecular shape and symmetry, bonding and structure of inorganic compounds, solution chemistry, ligand field theory, organometallic compounds and advanced topics on reaction mechanisms of d-block complexes and photochemical reactions.

CHE 461 Advanced Inorganic Chemistry Lab (I) F, Sp, Su*Co-requisite: CHE 460*

Ligand substitution reaction, rate laws, substitution in square-planar complexes, and substitution in octahedral complexes; synthesis of inorganic compounds and determination of their physical and chemical properties.

CHE 480 Undergraduate Research (I) F, Sp, Su*Prerequisite: Senior standing and majoring in chemistry or permission of instructor.*

The student works on a research project under the direction of a member of the chemistry faculty.

Communications

COM 103 Introduction to Public Speaking (3) F, Sp, Su

This course is designed to develop and improve skills in speech communication and delivery by exposure to various types of speeches and audiences.

COM 203 Newswriting & Reporting (3) F*Prerequisite: Sophomore Standing*

This course focuses on the principles and practices of gathering, writing, and editing news and feature material for dissemination in the mass media. It introduces students to the reporting and writing skills that are fundamental to journalism and related fields.

COM 204 Writing for Electronic Media (3) Sp*Prerequisite: COM 203*

Introduction to writing for radio and television with emphasis on news, features, and script preparation.

COM 205 Public Relations Writing (3) F*Prerequisite: COM 203, 204*

Developing students' skill in writing speeches for special occasions, focusing on business and politics.

COM 301 Survey of Mass Communications (3) F*Prerequisite: Sophomore Standing*

The student will gain understanding and insight into the mass media.

COM 302 Survey of Broadcasting (3) F, Sp*Prerequisite: COM 204*

Basic principles involving the production of radio and television programs in studio and field settings, using state-of-the-art equipment.

COM 304/SSC 304 Cultures & Film (3) F, Sp, Su

This course will view independently and commercially made films. The analytical perspective is socio-cultural. A study of the cultural aesthetic, the political economy, the history and ideas of social living through films and selected readings, focusing on African, Latin American, Asian and francophone film.

COM 306 Business and Professional Speaking (3) Sp

Prerequisite: COM 103

Preparation and presentation of longer speeches based upon the purposes and occasions of speaking. Emphasis is on techniques of persuasion and careful construction of speeches based upon analysis of actual audiences.

COM 308 Voice and Diction (3) Sp

Developing effective articulation, focusing on pronunciation, intonation, rhythm and phrasing and on vocal anatomy and fundamentals of the science of sound.

COM 314 Principles of Public Relations (3) F

Prerequisite: COM 203, 204

Historical background and modern functioning of the press in a democratic society. Evaluation of media presentation.

COM 317 Publications Design (3) Sp

Prerequisite: 203, 205

A lecture and laboratory course teaching techniques of design, layout, and production of publication materials, such as brochures, newsletters, in-house magazines, using the computer.

195

COM 318 Case Studies in Public Relations (3) Sp

Prerequisite: COM 203, 204, 301

Case studies and typical public relations problems in industry, labor, education, government, social welfare and trade associations. Emphasis on research methods.

COM 319 International Mass Communications (3) F

Prerequisite: COM 203, 204, 301

This course is designed to help students gain an understanding of world mass media—their composition, their operation, their impact on populations—and policies used by countries to develop or regulate them.

COM 320 International Public Relations (3) Sp

Prerequisite: COM 203, 300, 301

This course provides students with insights into how organizations, corporations and public relations practitioners operate globally. It examines public relations on an international level by incorporating culture, international practices, culturally sensitive development and cases into coursework.

COM 323 Organizational Communication (3) Sp

Prerequisite: COM 203, 304, 205, 300, 301

This course investigates the role of communication in creating a productive organizational environment. It aids students in developing and strengthening their communication skills by focusing on interpersonal, group, and presentation exercises.

COM 325 Public Opinion & Propaganda (3) F

Prerequisite: COM 203, 301

This course examines the nature of public opinion and propaganda from both a historical and contemporary perspective, focusing on persuasive communication techniques and economic, cultural, social and political considerations impacting mass media in human affairs and society.

COM 344 Diversity in Mass Communications (3) Sp

Prerequisite: COM 203, 204, 300, 301

Examines attitudes, trends and perceptions shaping communication messages.

COM 423 Public Relations Campaigns (3) F

Prerequisite: COM 203, 204, 301, 317

Fund raising, campaign management, strategies and techniques. Consideration of direct mail, annual giving, deferred giving and campaign planning.

COM 430 Special Topics in Mass Media (3) F, Sp, Su

Prerequisite: COM 203, 204, 301

Each edition will take an in-depth examination of different areas of mass media from a social, cultural, political, and economic perspective.

COM 442 Media Law & Ethics (3) F

Prerequisite: COM 203, 204, 301

An exposition of the principles of mass communication law and ethics, focusing on constitutional guarantees.

COM 494 Public Relations Internship (3-6) F

Prerequisite: COM 203, 204, 205, 300, 301, 317

A program of internship in which Communications majors acquire on-the-job experience under the joint supervision of an employer and the division chairperson. May be repeated.

COM 495 Senior Project (3) F, Sp, Su

Prerequisite: COM 203, 204, 205, 300, 301, 421, 442

A program culminating activity in communication researched, written or presented and/or submitted for publication.

Computer Sciences and Management Information Sciences

CSC 101 - Introduction to Computers (3) F

An introductory course designed to acquaint students with the Internet, email and popular business applications. Word processing and presentation software applications will be used in this course..

CSC 220 - Microcomputer Applications (3) F, Sp

Prerequisite CSC 101

This is a practical course with emphasis on the solution of business problems using application software. This course will include spreadsheet analysis and database management.

CSC 232 Principles of Programming (3) F, Sp

Prerequisite CSC 101

Algorithm development, computer program design, structured programming utilization, and flow charts are covered.

CSC 345 Web Technology (3) Sp

Prerequisite CSC 220

A project orientation approach designed to acquaint students with the use of integrating the World Wide Web to solve practical problems.

197

CSC 250 Visual Basic (3) Sp

Prerequisite CSC 232

An introductory course using an object oriented language for business programming. The student develops several business applications and is given an opportunity to expand his/her knowledge by further developing his/her own project at the end of the semester.

CSC 350 Special Problems (3) Sp

Prerequisite CSC 232

Students are directed to perform project or to do individual readings in specific areas of computer science or management information systems.

CSC 365 Distributed Systems (3)

Prerequisite: CSC 333, CSC 360

This course focuses on protocols and methods for assigning jobs to more than one processor. Emphasis is on array processing, parallel processing, multiprocessing, multiprogramming, reliability, protection and communication among cooperating process.

CSC 385 Artificial Intelligence (3)

Prerequisite: CSC 333, CSC 341

This course discusses various areas of artificial intelligence including knowledge representation, learning vision, expert systems, robotics and natural languages. Artificial Intelligence programming languages (LISP, PROLOG) and their techniques and control structures are also presented.

CSC 386 COBOL Programming (3) F

Prerequisite CSC 250

Centers on data processing applications in business, entails techniques for organizing and processing files, sequential and random access, sorting, program maintenance.

CSC 395 Software Engineering Principles (3)

Prerequisite: CSC 232, CSC 373

This course uncovers the process of software engineering from beginning concepts, to design, testing, maintenance and retirement. Issues concerning integration, software quality, security, fault tolerance, human factors, operation, product feasibility and organizational structures are discussed.

CSC 460 - Senior Project (3)

Prerequisite Junior Standing

The intent of this course is to provide senior-level computer science and management information systems majors an opportunity to undertake valuable research in areas of computer science and management information systems.

CSC 473 C++ Programming (3) Sp

Prerequisite: CSC 232 or CSC 333 or CSC 386

This is a language that is in demand particularly in the scientific/business environments. It will enable the student to have a clear understanding of working effectively with graphics, creating programs that can be used as icon menus etc. Emphasis will be placed on object oriented concepts & technologies.

CSC 483 Database Management Systems (3) Sp,

Prerequisite CSC 333

The study teaches logical design approach and implementation of databases to derive the physical design. Developing and querying databases using a database package and structured query language - SQL will be emphasized. Function of Database Management Systems, SQL data definition language, data manipulation language, database objects and other database tools will be discussed and used to resolve database problems ranging from the simple to the most complicated. Data administration issues will also be addressed.

CSC 485 Simulation & Management Application (3) Sp

Prerequisite: CSC 350

A study of program packages leading to solutions of management problems by programming analysis and documentation. Advanced techniques in solving problems will be discussed.

CSC 491 Database Design (3)

Prerequisite: CSC 483

The study focuses on the theoretical design and management of database systems conceptual data models (entity relationships), implementation models (hierarchical, network, relational, object-oriented), data dictionary and policy formulation. The study will also uncover structures relating to databases, design methodology, normalization, integrity constraints, distributed databases, data warehouse, and relational algebra. The theoretical approach of the logic involved in planning and designing databases will be discussed.

CSC 494 Software Project Development (3)

Prerequisite: CSC 232, CSC 333

Detailed techniques for designing and developing software for large program will be addressed. Design strategies, methodologies and various paradigms are taught. Architectural model, development tools and environments, implementation guidelines and documentation will be included.

Continuing Education

POR 301 Portfolio Seminar (3) F, Sp, Su

Pre-requisite: Must have successfully passed ENG 101, ENG 102, and COM 103 with a "C" or higher and completion of 12 credits at FMC.

This is an intensive writing course that introduces students to the techniques of preparing a portfolio to clearly identify college level learning. This course provides sufficient supporting information and documentation for faculty to use as a basis for evaluation for life experience credit. *Requires divisional approval.*

199

Criminal Justice

CRJ 200 Introduction to the Criminal Justice System (3) F, Su

Presents a relatively broad view of the entire criminal justice process: agencies, courts, police, correction prisons, jails, probation, and parole; providing historical and philosophical foundations of the system, developing a knowledge of terms, practices, and procedures, and emphasizing contemporary problems within the system.

CRJ 301 Criminal Law I (3) F, Su

Designed to provide knowledge of the elements of proof necessary for prosecution of the various substantive crimes, viewing both that of the common law and statutory modifications; trial and appellate procedure, rules of evidence, codes of criminal procedure and current trends and problems within the judiciary system.

CRJ 302 Criminal Law II (3) Sp, Su

Prerequisite: CRJ 301.

A continuation of Criminal Law I, this course places emphasis on constitutional foundations and restraints on the exercise of government power. The case study method is used, emphasizing decisions of the U.S. Supreme Court in areas of basic rights and liberties pertinent to arrest and restraint, right to counsel, search and seizure, freedom of speech, due process, the judiciary in involvement of the rule of law, and protection of individual rights in a democracy.

CRJ 303 Probation and Parole System (3) F, Su

Examines the community-based treatment aspect of the corrections system. Probation and parole philosophy and development, pre-sentence investigation, supervision and methods are reviewed.

CRJ 304 Causes and Prevention of Delinquency and Crime (3) Sp, Su

Provides a wide scope of knowledge in the area of application of social theory and research of the problems of delinquency and crime. Emphasis is placed on means and methods of treatment of the individual as a means of preventing criminal careers and recidivism. Institutions and agencies theory and practice explored.

200**CRJ 305 Confinement Facilities (3) F, Su**

Reviews the origin and development of jails, prisons and correctional facilities. Institutional procedures, physical plants, custody and control, administration and management procedures, inmate treatment, and preparation for return to the community are studied.

CRJ 306 Correctional Philosophy and Services (3) F, Su

Emphasizes community treatment programs as alternatives to institutionalization, the use of volunteers and para-professionals, release and furlough programs. This course also examines community resources that may be brought to bear on the criminal justice system.

CRJ 307 Criminology (3) Sp, Su

An examination of the field of criminology, including related theories, basics assumptions, definitions and concepts

CRJ 400 Selected Topics in Criminal Justice (3) Sp, Su

This course, with varying content, may be offered each semester. Topics include, for example, methods of correctional treatment, criminal investigation, government and industrial security, selected law topics, and police-community relations.

CRJ 403 Police Administration (3) F Sp

A study of the principles of organization administration and functioning of police departments to include inspection and control, personnel training and operations. Emphasis is also placed on operational services, records, communication and

custody.

CRJ 405 Law Enforcement (3) F, Sp

A study of both procedural and substantive state statutes and state traffic laws. Legal guidelines for police officers are included.

CRJ 406 Senior Seminar in Criminal Justice (3) Sp, Su

Prerequisite: 12 credits in Criminal Justice.

Provide opportunities for advanced discussion and projects focusing on current issues and problems in the criminal justice system.

CRJ 407 Constitutional Law I (3) F, Su

An exploration of pre-constitutional development philosophy and forms of constitutions, interpretation and constructions, the amendment of constitutions, the federal system, distribution of sovereign powers, power of the executive, legislative, and judicial branches of government, constitutional limitations, guarantees and the impact of the constitution upon the criminal justice system.

CRJ 408 Constitutional Law II (3) Sp, Su

Prerequisite: CRJ 407 and POL 301.

A continuation of Constitutional Law I, this course additionally explores civil rights and liberties.

201

CRJ 409 Criminal Evidence and Court Procedure (3) Sp

An examination of rules governing the admissibility of evidence, specifically as they affect the law enforcement officer in the process of arrest, use of force, search, seizure, preservation, custody, testimony and courtroom procedures.

CRJ 410 Private and Public Security (3) F, Su

This course examines the field of private and public security systems to include, but not limited to the protection of life, property, and the maintenance of social order.

CRJ 411 Drug, Alcohol, and Crime (3) Sp, Su

This course examines history, pharmacology, health consequences and the criminal aspects of mind-altering drugs. Emphasis is on placed on the effects of substances on criminal behavior, the legal response to the problem, and on treatment and prevention of drug abuse.

CRJ 412 Criminal Investigation (3) F, Su

This course examines aspects of criminal investigations; its function, history, current obligation, and future prospects.

CRJ 421 Field Placement I (6) F, Sp, Su

Learning through authorized, supervised work experience in a selected criminal justice department or agency. Supervision of the learning experience is provided

by the agency and the faculty placement director. Registration and planning with the placement director must be completed one (1) semester prior to placement.

CRJ 422 Field Placement II (6) F, Sp, Su

Prerequisite: CRJ 421.

This course, a continuation of field placement I, involves learning through authorized, supervised work experience in a criminal justice agency. Supervision of the learning experience is provided by the field placement director.

Dance

DAN 181 Dance Ensemble I (1) F

Practical experience in dance production, including design, tryouts, choreography and public performance, under faculty supervision.

DAN 182 Dance Ensemble II (1) Sp

Continuation of DAN 181.

Drama

DRA 200 Drama (3) Sp

An exposition of the philosophy, principles and material of drama from earliest times to the contemporary period with illustrative examples from the ancient Egyptians, Greeks, Romans, other ancients and Christians, moderns and contemporaries, emphasizing influences and contributions by Africans and African Americans.

Economics

ECO 200 Introduction to Economics (3) F, Sp, Su

A general survey of economic principles for non-business students. The course provides a broad overview of economics at the micro and macro levels.

ECO 201 Principles of Macroeconomics (3) F, Sp, Su

Prerequisite: MAT 102 OR MAT 112.

A study of the aggregate level of national income and output as it affects economic growth and stability, inflation, unemployment.

ECO 202 Principles of Microeconomics (3) F, Sp, Su

Prerequisite: MAT 102 OR MAT 112.

A study of supply and demand as related to individual households and firms to determine price, and of the governmental role in resource allocation.

ECO 302 Intermediate Microeconomics (3) F

Prerequisite: BUS 215, ECO 202.

An advanced presentation of the role of prices in the economic decision making of households and firms. Topics include utility analysis, production and cost analysis under perfect and imperfect market structure, and rationales for and effects of anti-trust and government regulations and policies.

ECO 310 History of Economic Thought (3) F

Prerequisite: ECO 201, ECO 202.

An analysis of historical development of economic doctrines and theory, emphasizing such economic schools as Smith, Marx, Keynes and the contemporary core of economic theory.

ECO 351 Labor Economics (3) F, Sp, Su

Prerequisite: ECO 201 and ECO 202.

The theoretical and empirical analysis of wage determination, characteristics of labor force, employment, unemployment, income maintenance programs and labor unions. Evaluates theories of labor market discrimination against African-Americans, women, and other minorities.

ECO 371 Money & Capital Markets (3) F, Sp, Su

Prerequisite: BUS 215, ECO 201, ECO 202.

Analytical framework to provide the necessary tools to understand the U.S. financial system and its operation. Topics include: financial markets, money management of financial institutions, the Federal Reserve System, monetary policy, and international financial system.

203

ECO 420 International Economics and Trade (3) Sp

Prerequisite: ECO 201 and ECO 202.

A broad view of international trade with emphasis on the theories of international trade, balance of payments, commercial policy, international specialization, foreign exchange markets, and government intervention.

ECO 457 Urban Economics (3) Sp

Prerequisite: BUS 215, ECO 201, ECO 202.

Economic analysis of urbanization and the spatial distribution. Topics include the history and origins of cities; location theory; theories of urban decay, spatial structure, poverty and discrimination.

ECO 475 Economics of Development (3) Sp

Prerequisite: BUS 215, ECO 201, ECO 202.

An analysis of economic development as a process and how institutional and structural factors determine the economic changes and development in different countries.

ECO 485 Environmental Economics (3) F

Prerequisite: ECO 210 and ECO 202.

A study of the relations among resource allocations, environmental concerns, and economic institutions and policy. Emphasis is on alternative strategies in solving the problems of environmental quality and resource scarcity.

Education

EDU 201 Social Foundations of Education (3) F, Sp, Su

Teacher Certification Program only.

This course provides a clear understanding of the teaching profession and the issues and controversies confronting American education today. It provides a comprehensive body of information on the various foundations of education and significant contemporary educational issues from a broad, substantive and interdisciplinary viewpoint.

EDU 202 Psychological Foundation of Education (3) F, Sp, Su

Teacher Certification Program only.

The goal of this course (Educational Psychology) is to present educational psychology as a legitimate discipline, with its own body of knowledge and its own self-identity. The major contributions from psychology for educational practice are outlined, and these ideas are presented in a manner than can be both understood and used by educators.

EDU 203 Sociological and Psychological Foundations of Education F, Sp, Su

All education majors and minors

This course is an introduction to social and psychological aspects of education. The social component includes the historical, philosophical and social aspects of education. The psychological component focuses on the nature of human growth and behavior and the teaching-learning process in the classroom.

EDU 204 Teaching in Elementary Schools (3) F, Sp, Su

Teacher Certification course and Elementary majors in Education

Emphasis will be placed on service to the elementary school community, while inspiring, motivating, and encouraging students to build a strong image about themselves and their educational needs. The teaching methodologies related to content specific areas will be studied.

EDU 205 Multicultural Diversity (3) F, Sp, Su

Required for all majors in Education.

This course is designed to support and extend the current concepts of culture, culture pluralism and equity into the formal school setting. It examines the historical and theoretical precepts of these concepts, and considers the use of students' cultural backgrounds to develop effective classroom instruction and

school environments.

EDU 206 Teaching in Middle and Secondary Schools (3) F, Sp, Su
Teacher Certification Course and required for Secondary majors.

Methods, materials and procedures for teaching in the middle secondary school with emphasis on work units, lesson plans, nature of the pupil, learning activities, evaluation, reports and classroom management that focus on current trends and utilization of appropriate technology

EDU 301 Language Arts for Elementary Schools (3) F, Sp, Su
Prerequisites ENG 101 and 102

This course considers principles of current scientific study of language experience in a child's life, the nature of development of needs, interests, and abilities in the basic communication skills. The course emphasizes planning and guidance of curricular activities and development of language experiences through print media texts and nonprint media which includes technology.

EDU 302 Science in Elementary School (3) F, Sp, Su
Prerequisite BIO101 or PSC 101

This course is designed to provide techniques of instruction and methods of instruction in the delivery of an elementary science curriculum. Topics will include educational philosophies, how children learn science, learning activities, thinking skills, science resources, assessment and subject matter in the major science content areas.

205

EDU 303 Music for Elementary Schools (3) F, Sp, Su

This course is designed to provide a background in music for elementary classroom teachers to use in helping students to understand basic fundamentals in music to assist the student in understanding other subjects. Students will be involved in activities that are designed to motivate and make them more comfortable as teachers using music in the classroom.

EDU 304 Teaching Social Studies for Elementary Schools (3) F, Sp, Su

The social studies program is designed to provide a knowledge base, instructional methods and motivational techniques that will enable pre-teachers to help young people develop for effective living. Computers will be integrated into the learning process.

EDU 305 Teaching Art in Elementary Schools (3) F, Sp, Su

"Special Methods of Teaching Art in Elementary School" is designed to investigate and explore activities associated with and integral to the daily operations of an elementary school visual arts program. The course will focus upon the procedures, applications and practices involved in creating, and producing the "creative product."

EDU 307 Teaching Mathematics in Elementary Schools (3) F, Sp, Su

Prerequisite: Successful completion of Math 101 and Math 102 with a "C" or higher and passed Mathematics sections of CLAST.

The course is designed to provide students with the most current and useable information in Mathematics for elementary teachers. It also integrates great ideas and pedagogy in teaching Mathematics for elementary students.

EDU 308 Teaching Reading in the Elementary Schools (3) F, Sp, Su

Prerequisites: Successful completion of ENG 101, ENG 102, REA 101 or 102 with a "C" or higher and passed Essay and English section of CLAST.

Involves the reading process as it relates to principles of learning, child development, and self-image. The course considers current views of how children in early childhood become literate, of how to help children become involved and interested in their own learning, and of how to help children use reading and writing for authentic purposes.

EDU 309 Children's Literature (3) F, Sp, Su

Prerequisites: Successful completion of EDU 308, ENG 101, 102, REA 101 OR 102 with a "C" or higher and passed Essay and English section of CLAST.

An overview of literary materials for children in early childhood and the elementary school with emphasis on student teachers becoming familiar, their being able to evaluate and select literature based on children's developmental appropriateness, and their developing a sound methodology for using books to enrich children's lives.

206

EDU 313, 314, 315 Pre-Student Teaching Lab (1) F, Sp, Su

Required for all Education majors. Prerequisite: Successful completion of EDU 204 or 206 and EDU 203.

Pre-Student Teaching is a field experience for majors in education who are preparing for status of internship. Students must observe the quality of classroom management techniques and participate in the classroom activities. These experiences help to build self-confidence, eliminate shyness, stage fright and provides an opportunity to test the decision to become a teacher.

EDU 324 Teaching Physical Education in the Elem. Schools (3) F, Sp, Su
Teacher Certification Course and required course for Elementary majors.

Prerequisite – met physical science requirement.

This course is designed to acquaint the students with methods, procedures, techniques, and devices for teaching health and physical education in elementary schools. It uses a developmental approach and stresses exploratory methods of teaching young children.

EDU 331 Instructional Technology (3) F, Sp, Su

Prerequisite: Successful completion of all EDU200 level courses

This course is designed to facilitate students to incorporate media and technologies for learning into their repertoire-to use them as teaching tools and to guide

students in using them as learning tools in elementary and secondary schools.

EDU 403 Teaching Reading in the Middle and Secondary Schools (3) F, Sp, Su

Prerequisites: Successful completion of EDU 308, ENG 101, 102, REA 101 OR 102 with a "C" or higher and passed Essay and English section of CLAST.

A study of the reading process as it relates to secondary reading in the content area. Exposure to reading inventories, diagnostic tests, materials and techniques of developmental and corrective reading; application of these skills through working with children at the secondary level in the public schools during pre-student teaching and includes the systems approach.

EDU 408 Classroom Behavioral Management (3) F, Sp, Su

Required for all Education majors and minors. Must be taken on the main campus.

Prerequisites: Successful completion of EDU 205 and all 300 level EDU courses.

This course draws upon sociologist's perspective of schools as a social organization with an emphasis on the characteristics of the classroom as a social unit, the leadership functions of the teacher, and the impact of the teacher's leadership decisions on the classroom organization and its membership. It attends to classroom management practices, the principles of field psychology, behavioristic and humanistic psychology. It also covers transactional analysis, teacher effectiveness training, psychodrama, sociodrama, technological management and others.

207

EDU 411 Diagnosis and Remediation F, Sp, Su

Prerequisite EDU 308 or EDU 403. *Required for all Education and Exceptional Education majors and minors. Successful completion of EDU 308, EDU 403, ENG 101, 102, REA 101 or 102 and passed Essay and English section of the CLAST.*

Current views on sequential development skills and concepts of reading; recognition and diagnosis of reading problems and prescription and utilization of appropriate methods and materials to increase reading performance.

EDU 412 Teaching Methods in Physical and Health Education (K-12) (3) F, Sp, Su *Teacher Certification Course and required for Elementary and Physical Education majors. Prerequisite – Successful completion of 200 and 300 level PED courses.*

A broad coverage of the duties of physical education personnel, design to acquaint the student with methods, procedures, techniques, and devices for teaching health and physical education in grades K-12.

EDU 413 Curriculum Development (3)F, Sp, Su

Required for all Secondary Education majors and minors. Prerequisite – Successful completion of 203, 204 or 206.

A critical study of the organization, construction and administration of learning experiences in modern educational theory with emphasis on the formulation of

objectives, selection, organization and integration of instructional materials.

EDU 414 New Trends in Education (3) F, Sp, Su

Required for all Elementary Education majors. Prerequisite – Successful completion of all EDU courses.

An investigation of new trends in education at the local, state and national levels.

EDU 416 Teaching Music (6-12) (3) F, Sp, Su

Teacher Certification Course, and required for Music Education majors. Prerequisite – Successful completion of all EDU courses.

Selection and organization of current practices and materials in the secondary school curriculum of music. It also involves analyzing contemporary methods of teaching music.

EDU 417 Teaching Social Studies in Middle and Secondary Schools (3) F, Sp, Su *Teacher Certification Course.*

Methods and materials for teaching Social Studies in the middle and secondary school with emphasis on objectives, selection and organization of instructional units, teaching aids methods and procedures of instruction, and processes of evaluation.

208

EDU 418 Teaching English in Middle and Secondary Schools (3) F, Sp, Su *Teacher Certification Course and required for English Education majors. Prerequisite – Successful completion of ENG 101, 102, REA 101, or 102 and passed Essay and English section of CLAST.*

Methods and materials for teaching English in the middle and secondary school with emphasis on objectives, selection and organization of instructional units, teaching aids, methods and procedures of instruction and processes of evaluation.

EDU 419 Teaching Science in Middle and Secondary Schools (3) F, Sp, Su *Teacher Certification Course and required for Science Education Majors.*

Objectives, contents and methods in secondary school science programs with emphasis on current practices and instructional materials.

EDU 422 Teaching Mathematics in the Middle Schools (3) F, Sp, Su *Prerequisite – Successful completion of 200 and 300 level mathematics course, and passed mathematics section of CLAST.*

A study of effective methods of teaching mathematics in the middle schools with a discussion of textbooks and tests.

EDU 423 Teaching Mathematics in the Secondary Schools (3) F, Sp, Su *Pre-requisite: Successful completion of 200 and 300 level mathematics course, and passed mathematics section of CLAST.*

A study of effective methods of teaching mathematics in the secondary schools with a discussion of textbooks and tests.

EDU 426 Content Area Reading (3) F, Sp, Su

Pre-requisite- Successful completion of English 101, 102, & EDU 309

This course will focus on the preservice teacher working towards enabling children to view reading as a powerful source of acquiring information, to use reading materials purposefully, and to develop as proficient readers and learners who enjoy reading materials purposefully, and to develop as proficient readers and learners who enjoy reading and learning. The course will include theories about effective reading instruction, procedures for implementing that instruction including diagnostic teaching techniques.

EDU 427 Language Art & Children's Literature in Elementary School (3)

F, Sp, Su Pre-requisite- Successful completion of English 101, 102, & EDU 309

This course considers principles of modern scientific study of language experience in a child's life, the nature of development of needs, interest, and abilities in the basic communication skills. It provides an overview of literary materials for children in early and elementary school with an emphasis on preservice teachers becoming familiar with popular children's literature, on their being able to evaluate and select literature based on children's developmental appropriateness, and on their developing a sound methodology for using books to enrich children's lives.

EDU 439 Tests and Measurements (3) F, Sp, Su

Required for all education majors. Pre-requisite: Successful completion of 200 and 300 level mathematics course, and passed mathematics section of CLAST.

This course reflects the use of performance based procedures to measure complex achievement. The fuller array of assessment-procedures include traditional and authentic assessment.

209

EDU 450 Student Teaching (9) F, Sp *Prerequisite – Successful completion of all major requirements and all sections of CLAST and Professional Education subtest.*

Practical experience in teaching activities of the classroom with the student in full charge of the class under the guidance of a skilled, experienced teacher in the field.

EDU 455 Methods/Materials for Teaching Languages in the Elementary School (3) F, Sp *Teacher Certification Course*

Designed to acquaint the student with methods, media and procedures especially applicable to the teaching languages in the elementary or secondary school levels. A one-hour laboratory experience per week in a field school or college living-learning center is required.

EDU 456 Teaching Spanish in the Elementary Schools (3) F, Sp, Su *Teacher Certification Course*

Designed methods, media, and procedures, applicable to the teaching of the Spanish language in the elementary school. There will be major emphasis on pronunciation, oral work, reading, reviews, examinations, tests, and supervised

study.

EDU 457 Methods of Teaching Spanish in the Middle and Secondary School (3) F, Sp, Su

Teacher Certification Course.

Focuses on values of foreign language teaching, ultimate and immediate aims in Spanish language teaching, survey of methods, pronunciation, oral work, reading, grammar, reviews, examinations, tests, and supervised study. The course consists of readings and discussions, lesson planning and demonstrations, and organization of material for use in student teaching.

EDU 458 General Methods of Teaching Foreign Languages (K-12) (3) F, Sp, Su
Teacher Certification Course

Designed to acquaint the student with methods, media and procedures applicable to the teaching of foreign languages in grades K-12. This course consist of reading and discussions, lesson planning and demonstrations.

English

210

ENG 101 English Communications I (3) F,Sp,Su

Prerequisite: Successful completion of DSE 099 or the required minimum scores on the writing and grammar sections of the placement test.

This course focuses on effective writing, grammar review, and critical thinking. Students develop writing skills by studying classical rhetorical modes of argument and logic. Students compose college-level essays based on readings from poetry, short stories, drama, novels, periodicals, and other literature, as well as prepare portfolios. This course also incorporates the use of information technology.

ENG 102 English Communications II (3) F, Sp,Su

Prerequisite: Successful completion of ENG 101 or the required minimum scores on the writing and grammar section of the placement test.

This is an intensive writing, reading, and research course. Students review basic grammar skills, write book reviews, college-level essays and research papers, and prepare portfolios with the use of information technology.

ENG 201 World Literature I (3) F

Prerequisite: ENG 102

A survey course in world literature. An appreciation of diverse cultures through the literature of Ancient Greeks, Chinese, Indians, Romans, Arabians, Japanese, and Europeans, c. 700 B.C. to 1400 A. D.

ENG 202 World Literature II (3) Sp

Prerequisite: ENG 102

A survey course in world literature. The continuance of World Literature I, from the Renaissance through the post World War II period. The multi-cultural

approach will include European, Asian, African, and Native American writers.

ENG 212 Ethnic American Literature (3) F

Prerequisite: ENG 102

This course will focus on works written by African Americans, Native Americans, Mexican Americans, Asian Americans, Puerto Ricans, and others. The themes include prejudice, identity, alienation, survival, and assimilation.

ENG 297 Caribbean Literature (3) Sp

Prerequisite: ENG 102

This course will include an interdisciplinary approach to a representative range of Caribbean writers. It will be taught in collaboration with the Social Science Division.

ENG 301 Advanced Composition & Rhetoric (3) Sp, Su

Prerequisite: ENG 102

A detailed study of the theory and practice of written communication, including a review of syntax and mechanics, concentrating on rhetoric and style. Designed primarily for English majors and others seeking State certification in English. Upon approval of the advisor, this course can substitute for Eng 309.

ENG 303 English Literature I (3) F

Prerequisite: ENG 102

A survey course from the Middle Ages through the eighteenth century. This course will include the evolution of the English language through the times.

ENG 304 English Literature II (3) Sp

Prerequisite: ENG 102

A study of English authors of Romantic, Victorian, Modern, and Contemporary periods. Works by authors of the English speaking world such as Derek Walcott and Chinua Achebe will also be included.

ENG 305 American Literature I (3) F

Prerequisite: ENG 102

A survey course of American literature. The focus is on literature revealing the birth and growth of a national consciousness.

ENG 306 American Literature II (3) Sp, Su

Prerequisite: ENG 102

A survey course of selected American literature from the realist, naturalist, and modernist movements.

ENG 308 African-American Literature (3) Sp, Su

Prerequisite: ENG 102

A study of African American authors and their works. A close examination of the African American legacy as a basis for understanding American civilization.

ENG 309 Advanced Grammar & Composition (3) F, Su*Prerequisite: ENG 102*

A detailed study of traditional grammar as a tool of written communication. This course will help all students to improve their communication skills. Particular attention will be paid to correct usage in written communication.

ENG 310 Study Abroad (3-6) Su

On-site exploration of personalities, original manuscripts and locales of major authors.

ENG 315 Adolescent Literature (3) Sp,Su*Prerequisites: Successful completion of ENG 101, 102, REA 101 or 102 with a "C" or higher and passed English and Essay section of CLAST*

An overview of literary materials for adolescents in grades 6-12 with emphasis on selection, adaptation and presentation.

ENG 316 African American Women Writers (3) F, Sp*Prerequisite: ENG 102*

This course is an interdisciplinary approach to the study of African American women writers from the period of slavery to contemporary times. Upon approval of the advisor, this course can fulfill a Social Science requisite.

ENG 340 American Literature (3) Sp*Prerequisite: ENG 102*

A survey course, 1945 to the present, with selections from Williams, Ellison, Miller, Baldwin, Wilson, Brooks, Ginsberg, Baraka, Dove, and others.

ENG 351 Contemporary Poetry (3) F, Sp*Prerequisite: ENG 102*

Poetry of the Contemporary Period, 1960 to the present.

ENG 355 The Harlem Renaissance (3) F*Prerequisite: ENG 102*

Emphasis on writers, musicians, and artists in an interdisciplinary approach to the Harlem Renaissance. This course can be substituted for ENG 308 only with the permission of advisor.

ENG 361 Contemporary Fiction (3) Sp*Prerequisite: ENG 102*

Fiction of the Contemporary Period, 1960 to the present.

ENG 371 Contemporary Drama (3) F, Sp*Prerequisite: ENG 102*

Drama of the Contemporary Period, 1960 to the present.

ENG 383 Literary Criticism (3) F

Prerequisite: ENG 301 & 309

Approaches to literary criticism. Emphasis on contemporary theory including poststructuralism and feminist criticism.

ENG 400 The Novel (3) F, Sp

Prerequisite: ENG 102

A study of the genre through selected novels.

ENG 401 Renaissance Literature (3) F

Prerequisite: ENG 102

A study of the major writers of the 16th and 17th centuries, excluding Shakespeare, focusing on women writers.

ENG 402 Romantic Literature (3) Sp

Prerequisite: ENG 102

A study of English poetry and prose, 1789-1832.

ENG 403 Shakespeare (3) Sp

Prerequisite: ENG 102

Examination of representative plays and sonnets.

ENG 404 Victorian Literature (3) Sp

Prerequisite: ENG 102

A study of the poetry and prose of the 19th century. Authors read include Dickens, Eliot, Carlyle, Ruskin, Arnold, Tennyson, Browning, Rossetti, and Eliot.

ENG 405 Creative Writing (3) F,Sp

Prerequisite: ENG 102

Analysis and writing of poems and short stories.

ENG 410 Study Abroad (3-6) Su

Prerequisite: Permission of the Director of the Studies Abroad program.

On-site explorations of personalities, original manuscripts and locales of major authors.

ENG 441 Women Writers (3) Sp

Prerequisite: ENG 102 and Permission of Advisor.

Selected readings of women's writings and feminist criticism .

ENG 442 Postcolonial Literature (3) Sp

Prerequisite: ENG 102 and Permission of Advisor.

This course will include an interdisciplinary study of postcolonial literature by selected writers of the times. The approach will include Humanities and Social Science perspectives. Upon approval by the advisor, this course can fulfill a Social

Science requisite.

ENG 443 Special Topics (3) F, Sp

Prerequisite: ENG 102

Content to be determined by the Division as requested by faculty and/or students to fill specified needs or interests.

ENG 444 Mythology (3) F

Prerequisite: ENG: 102

Myth and legend from early folklore to the present.

ENG 455 American Literature (1800-1865) (3) F

Prerequisite: ENG 102

Transcendentalism, slavery, conflict in American literature: representative works of Emerson, Whitman, Poe, Hawthorne, Melville, Horton, Douglass, Stowe, Brown, Truth, Fuller, and other American and African American writers.

ENG 456 American Literature (1865-1914) (3) F, Sp

Prerequisite: ENG 102

Realism in American literature: representative works of Clemens, Howells, James, Chopin, Washington, Gilman, Du Bois, Crane, Dreiser, and others.

ENG 457 American Literature (1914-1945) (3) F, Sp

Prerequisite: ENG 102

Modernism in American Literature: representative works of Stein, Frost, Anderson, O'Neill, Eliot, Hurston, Fitzgerald, Hemingway, Hughes, Wright, and other American and African-American writers.

ENG 460 Applied Linguistics (3) F, Sp, Su

Prerequisite: ENG 102

An overview of the principles of linguistics applied to language teaching and learning. Emphasis on constructive analysis of native and target languages applied to teaching bilingual/ESOL or foreign language students.

ENG 465 Internship (3) Su

Prerequisite: ENG 102

This course provides the student with on-the-job training in an area of English or communications under the auspices of the employer and department advisor.

ENG 495 Senior Project (3) F

Prerequisite: Permission of advisor

A capstone course in English requiring research, critical thinking, technology, presentation, and scholarly proficiency. MLA format is required.

ESL 098 College Language Skills I (3) F, Sp, Su

Prerequisite: Placement examination

A fundamental college course primarily for non-native speakers of English. Stress is on the development of all communication skills (listening, speaking, reading, writing) toward gaining functional proficiency in critical reading and academic writing.

ESL 099 College Language Skills II (3) F, Sp, Su

Prerequisite: Placement examination or ESL 098

Continued development of all communication skills (listening, speaking, reading, writing) toward gaining functional proficiency in critical reading and academic writing.

Exceptional Student Education

ESE 408 Behavior Management for Students with Varying Exceptionalities (3)

F,Sp,Su *Prerequisites:* ESE 430, ESE 434

A comprehensive course that focuses on the positive manipulation of the learning environment to promote successful behavior and skill acquisition. The student will learn how to do preventive discipline --proactive strategies and activities appropriate for managing the spectrum of exceptional students.

215

ESE 430 Introduction to Exceptional Child Education (3) F, Sp, S *Prerequisites:* Completion of all 200 level EDU courses and approval of instructor

An overview for exceptional children and effective teaching methods and procedures. The classroom teacher can work most effectively with and teach these children. It includes historical perspective, recent programming effort for children with impairments in vision, hearing, language and speech; emotional problems and learning disabilities. It also covers children with limited intellectual capacity and gifted children.

ESE 434 Characteristics of Individuals with Varying Exceptionalities (3) F, Sp

Prerequisite ESE 430

The course integrates theory, research, and practice in the field of mental retardation, specific learning disabilities, and emotional handicaps. The course emphasizes definitions and concepts, theories of learning, classification, prevalence, etiologies, behavioral characteristics, prevention and intervention strategies, multicultural issues and classroom technology. Also at-risk factors associated with learning disabilities, emotional handicaps, and mental retardation. Service delivery system will be reviewed and current research and trends dis-

cussed.

ESE 435 Curriculum and Instruction for Mild to Moderate Individuals with Varying Exceptionalities (3) F, Sp *Prerequisites: ESE 430, ESE 434*

A comprehensive course covering curriculum, methods and materials designed for mild to moderate levels of learning disabled, emotionally handicapped, and mentally handicapped individuals. Topics include preferred behavior management strategies and observation methods for problem behaviors used for teaching and managing students who display complex behavior problems and who need academic and pre-functional living skills. The course also covers strategic and tactical planning as well as curricula for academic, social, and prevocational skills development.

ESE 436 Curriculum and Instruction for Mild to Moderate Individuals with Varying Exceptionalities II (3) F, Sp *Prerequisites: ESE 430, ESE 434, ESE 435*

This course provides an exhaustive covering of curriculum, methods and materials designed for mild to moderate levels of learning disabled, emotionally handicapped, and mentally handicapped individuals through the continuation of Curriculum and Instruction I. More in-depth coverage of diagnostic procedures, planning techniques, instructional methods, use of technology, and the instructional needs of individuals from diverse linguistic and cultural backgrounds.

216

ESE 444 Introduction to Learning Disabilities (3) F, Sp, Su

Prerequisite: ESE 430

An overview of the area of learning disabilities emphasizing various theoretical approaches. Etiology characteristics, and definitions in the field are covered with emphasis on behavioral characteristics of students with Learning Disabilities.

ESE 445 Curriculum and Instruction for Individuals with Learning Disabilities I (3) F, Sp, Su *Prerequisite: ESE 430, ESE 444*

A comprehensive course covering curricular and instructional practices designed for learning disabled students. Topics include professionalism, assessment: strategic and tactical planning; instructional models; curricula for academic, social, and vocational skills development, collaborative consultation, transition, community resources; and crisis and health care.

ESE 446 Curriculum and Instruction for Individuals with Learning Disabilities II *Prerequisite: ESE 430, ESE 444, ESE 445*

This course provides an exhaustive covering of curriculum, methods and materials designed for students with learning disabilities through the continuation of Curriculum and Instruction I. A more in depth coverage of diagnostic procedures, planning techniques, instructional methods, uses of technology, and the instructional needs of individuals from diverse linguistic and cultural backgrounds.

ESE 447 Advance Assessment of Exceptional Students (3) F, Sp

Prerequisite: ESE 430, ESE 435, or ESE 430 and ESE 444

This course provides a comprehensive guide to the assessment of students with disabilities. An understanding of the assessment process and the concrete, practical skills necessary to assess exceptional students will be examined.

ESE 448 Teaching in an Inclusive, Collaborative Consultative, Diverse Environment (3) F, Sp *Prerequisites: ESE 430, ESE 434, ESE 435, ESE 436, ESE 447*

A course preparing teachers to meet the individual needs of students at-risk, with disabilities, or both, and who have been integrated into the general Education classroom.

Environmental Studies

ENV 101 Introduction to Environmental Science (3) F, Sp, Su

This course is a general introduction to environmental concepts, including a history of the environmental movement, global habitats, ecosystem dynamics, population dynamics, living resources, biodiversity, environmental hazards, environmental justice, energy resources, air and water resources, eco-spirituality, and sustainability.

217

ENV 131 Survey of Earth Science (3) F, Sp, Su

This course is designed as a survey of astronomy, geology, meteorology, and marine science to prepare teachers of earth science in the middle schools.

ENV 301 Wetland Ecology (3) F, Sp, Su

Prerequisites: BIO 130

An examination of the structure, function, and dynamics of wetland ecosystems, with emphases on wetlands in tropical and semi-tropical regions and the effects of human activities.

ENV 302 Wetland Ecology Laboratory (1) F, Sp, Su

Prerequisites: BIO 131

A field examination of the structures and dynamics of wetland ecosystems in Southern Florida, including soil types, indicator species, and human influences.

ENV 331 Urban Ecology (3) F, Sp, Su

Prerequisites: BIO 320

An examination of urban and suburban ecosystems, emphasizing energy relations, ecological functions of urban landscapes, urban wildlife, urban forestry, and

ecological issues relevant to human health and well-being.

ENV 332 Urban Ecology Laboratory (1) F, Sp, Su

Prerequisites - BIO 321

A field examination of the structures and dynamics of urban ecosystems in Southern Florida, including soil types, indicator species, and human influences.

ENV 362 Spirit and Nature (3) F, Sp, Su

A survey of environmental philosophy and theology, including deep ecology, eco-feminism, social ecology, creation theology, and earth wisdom.

ENV 381 Air Resources (3) F, Sp, Su

Prerequisites - ENV 101

An examination of common air pollutants, their sources, methods of control, and various legislative and administrative approaches.

ENV 382 Water Resources (3) F, Sp, Su

Prerequisites: ENV 101

An examination of water use and management, water pollution problems and methods of control and treatment.

218

ENV 383 Biotic Resources (3) F, Sp, Su

Prerequisites: ENV 101

An examination of the earth's biomes and the factors influencing their productivity, conservation, and human use. Particular attention will be given to sustainability.

ENV 384 Energy Resources (3) F, Sp, Su

Prerequisites: ENV 101

An examination of energy resources and power generation in modern society, as well as the fundamental energy relationships between industrial and domestic processes.

ENV 401 Ecology of South Florida (3) F, Sp, Su

Prerequisites: BIO 320 - Ecology

An examination of the structure, function, and dynamics of the South Florida ecosystems.

ENV 402 South Florida Ecology Laboratory (1) F, Sp, Su

Prerequisites: BIO 321 - Ecology Lab

A field examination of the structures and dynamics of ecosystems in Southern Florida, including the identification of selected species.

ENV 450 Field Studies (3) F, Sp, Su

Original investigations on a topic in environmental studies conducted in the field under the supervision of a directing faculty member.

ENV 45I Senior Seminar (3) F, Sp, Su

A series of talks and exercises on the development of professional skills, data presentation, and current environmental topics and the presentation of original field or library research.

ENV 470 Natural Resource Management (3) F, Sp, Su

Prerequisites: Senior standing in Environmental Science

An introduction to the management of natural resources, including timber, fisheries, national parks, rangelands, and mining.

ENV 47I Environmental Policy in the United States (3) F, Sp, Su

Prerequisites: Senior standing in Environmental Science or permission of the instructor.

An introduction to environmental policy, including applicable environmental legislation and the role of regulation at the national, state, and county levels.

Finance

219

FIN 30I Business Finance (3) F, Sp, Su

Prerequisite: ACC 212, BUS 320, BUS 215, ECO 201.

This course is designed to make students better decision makers by focusing on contemporary finance problems facing today's manager. It examines how financial theories can be used in an environment characterized by market and institutional realities.

FIN 493 Portfolio Analysis & Management (3) Sp

Prerequisite: FIN 30I

Integrates theoretical concepts with investment applications, and stresses the economic rationale for various investments. Software support enriches the learning experience by simulating the real world of investments. Students create and manage portfolios, trade stocks, bonds, warrants, options, futures contracts, and foreign currency.

FIN 495 Futures & Options Markets (3) Sp

Prerequisite: FIN 30I

This course focuses on understanding how to use the financial future and options, the related cash and debt markets to achieve various financial risk management goals. The underlying objectives are: concepts, empirical evidence, and essential tools that facilitate the understanding of techniques and applications of hedging, pricing, and arbitrage.

FIN 496 Financial Statement Analysis (3) F

Prerequisite: FIN 301

This course provides a comprehensive analysis of financial statements using data bases, published documents, and privately prepared reports. Software is utilized for planning models, forecasting models, and simulations.

FIN 497 International Money & Finance (3) F

Prerequisite: FIN 301

This course examines the following international concepts: the foreign exchange market, the balance of trade and payments, currency futures, options, and swaps, exchange rates and interest parity, international bond market, import and export financing, financial management of the multinational firm, and the international money market.

General Education

FMC 101 Education and Life Seminar (3) F, Sp, Su

This course is designed to help new college students develop study habits, attitudes and knowledge which will lead to academic success. The course content includes Florida Memorial College's history and resources, time management, study methods, memory techniques, career exploration and cultural literacy.

REA 101 Critical Thinking and Reading (3) F, Sp, Su

Prerequisite: Successful completion of DSR 099 or the required minimum score on the placement or diagnostic tests.

This course develops and strengthens the critical thinking skills needed for reading college and professional materials, and will include bias and propaganda, fallacies, connotation/denotation, inductive/deductive reasoning, problem-solving, and inferential thinking. Students will read and discuss a wide range of materials taken from the various disciplines, and will complete projects which incorporate critical thinking abilities.

Geography

GEO 302 Cultural Geography (3) F, Su

A study of humans' activities in the light of the interaction and interdependence of the physical and cultural environments. The emphasis will be placed on the relationship between persons and environment through time and on the distribution of population settlement, and resource utilization processes which have transformed natural landscapes into cultural landscapes. *Permission of instructor required.*

GEO 303 World Regional Geography (3) Sp, Su

The geography of the world's major cultural regions. Emphasis on geographic aspects of contemporary economic, social, and political conditions. *Permission of the instructor required.*

GEO 304 Population Studies (3) Sp

A study of demographic patterns, fertility, birth rates, death rates, and a comparison of population growth and problems and issues.

Health Education

HED 211 Human Sexuality (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class addresses human sexuality as a dynamic and complex force that involves psychological, socio-cultural, and physiological dimensions.

HED 221 Nutritional Health (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class is designed to provide students with information about the science of food and the effects that diet and nutrition have on a person's well-being.

221

HED 231 Substance Abuse (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class is designed to provide students with information about the historical and social context in which the drugs were presented in addition to how drugs affect our lives. These drugs include human psychoactive drugs, alcohol, coffee, and cigarettes.

HED 311 Communicable Diseases (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class is designed to provide students with information about the nature, prevention, control, and treatment of various communicable, acute, and chronic diseases.

HED 321 Environmental Health (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class is designed to provide students with information about all the interactions of humans with their environment and the impact of the interactions on their health.

HED 411 Mental and Emotional Health (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class is designed to provide students with information about the impact of

stress and emotions on mental health.

HED 421 Consumer Health (3) F, Sp, Su

Prerequisite – Successful completion of PED 110

This class is designed to provide students basic necessary information about all consumer products, services, and consumer protection vehicles that influence the health and welfare of people.

History

HIS 101 World Civilization I (3) F, Sp, Su

This is an intensive reading and writing course. This survey course provides a balanced perspective on the birth of civilization and the development of early human cultures. It includes a prehistoric vision of the world beginning with great river valleys and extending to the age of reason and the scientific revolution.

HIS 102 World Civilization II (3) F, Sp, Su

This is an intensive reading and writing course. This course provides a chronological survey of persons and their institutions from the age of reason, and science, to the present. Emphasis is placed on understanding the development of political, social, economic, philosophical, and religious ideas of various cultures.

HIS 103 African American History I (3) F, Sp, Su

This is an intensive reading course. The course promotes the awareness and exploration of relevant books and materials concerning the lives, struggles, achievements, and contributions of African Americans. An opportunity is provided for students to view the past and investigate the present.

HIS 104 African American History II (3) F, Sp, Su

This is an intensive reading course. This course is a continuation of African American History I and allows for the study of relevant books and materials concerning the African American experience through the Post-Reconstruction era, the age of Accommodation, Harlem Renaissance, the Civil Rights era and beyond.

HIS 200 History of the United States of America (3) F, Sp, Su

This is an intensive reading and writing course. A survey of the main events of the history of the United States of America from the Age of Discovery to the present.

HIS 300 Historical Thought and Writing (3) F, Sp

A seminar designed to introduce students to historical perspectives and to the process of writing history. Practice in critical analysis, research methodology,

documentation, bibliographic forms and composition, culminating in a major research paper.

HIS 321 U.S. History to 1865 (3) F

Prerequisite: HIS 200.

An intensive survey of the main events in the discovery and settlement, independence, and growth of the United States to the end of the civil war.

HIS 324 U.S. History Since 1865 (3) Sp

Prerequisite: HIS 200.

A survey of the history of the United States from 1865 to the present, with emphasis on the interaction of political, social, and economic developments in the light of the nation's heritage and its contributions to the world community.

HIS 335 Africa in the Modern World (3) F

This course provides students with the historical background needed to understand Africa. Focuses on major political, social, economic, and cultural developments from the rise of the transatlantic slave trade to the present.

HIS 350 History of the Caribbean (3) Sp

Development of the major islands of Cuba, Hispanola, Jamaica, and Puerto Rico from colonial times to the present. Emphasizes evolution of plantation societies, slavery and race relations, international rivalries, economic dependence, and political independence. Offered in alternate years.

HIS 400 History of the Non-Western World (3) Sp

Prerequisite: HIS 101 and 102.

Survey of the history of three major areas of the non-western world; the Middle East and India, the Far-East and Africa. Emphasis will be placed upon historical, political, economic and social conditions.

HIS 405 Women in U.S. History (3) F

Beginning with European and African backgrounds, the course will trace the experience of women in the United States from the Colonial to the present periods. Emphasis will be given to historical and contemporary issues in the women's movements and to the efforts of women as workers, professionals, volunteers, and political activists in the shaping of our national history.

HIS 410 History of Florida and the South (3) Sp

A survey course of the political, economic, social, and cultural development of Florida and the South, with special emphasis on the nineteenth and twentieth centuries.

HIS 420 Independent Study (3) F, Sp, Su

Guided readings or activities in the social sciences. Open to students majoring in the social sciences. *Permission of instructor required.*

HIS 430 Selected Topics in History (3) Su

Topics will vary from year to year. Seminars may be held on American, African, European, or Asian History. This course involves an intensive study of some phase of history. Emphasis will be placed on historical methods, research techniques, and the teaching of history. *Open to juniors and seniors by permission of instructor.*

Honors**ENG 104H & ENG 105H English Communications Honors (3) F, Sp, Su**

The course sequence ENG 104 and ENG 105 provides students with both a reading and writing intensive format. Students respond to works of authors of world literature as well as philosophy through writing assignments, group discussions and oral presentations. The goal of all writing assignments is the production of a scholarly term paper with appropriate documentation at the end of each respective semester.

CSC 202H Technology (3) F, Sp, Su

An in-depth exposure to the use of information technology in academia, business and society. Special emphasis is placed on technology applications using microcomputers, spreadsheets, database and word processing software; and using the Internet.

HIS 201H, 202H, African American History I, II (Honors) (3) F, Sp, Su

This two-semester course sequence scans the varied landscape of African, Caribbean and African-American history and the multifaceted experiences of people of the African Diaspora. Employing a pedagogy based on lectures, connections between the present and past experiences of African people.

MAT 103H, 104H, Honors Mathematics I, II, (3) F, Sp, Su

These two honors courses offered in sequence cover mathematical systems, modular arithmetic, structure algebra, basic algebraic operations, determinants, set theory and logic.

RSC 303H Research Methods (3) F, Sp, Su

This course prepares students to use the scientific method to plan for and conduct scholarly research. Exposure will be given in designing a research study by formulating a problem statement, objectives, and hypotheses; and data collection, statistical analysis, and presentation.

RSC 403H Honors Thesis (3) F, Sp, Su

A culmination of the student's scholarly research activities. The thesis will be prepared by the student in conjunction with a faculty advisor. The thesis will be a scholarly document and presented for final approval to a faculty committee.

SCI 104H, 105H Insight I, II (3) F, Sp, Su

This two course sequence provides an overview of astronomy, physics, chemistry and earth science. Using energy as its central theme, the courses cover the production and utilization of energy in plants and animals, energy consumption; and energy flows.

SEM 101H, 102H Honors Seminar I, II (2) F, Sp

This two-semester course affords the students the opportunity to study in-depth topic or topics of particular importance to society. The topics range from global issues, use of information technology, to ethical questions. Written exercises and individual and group presentations are integral components of the Honors Seminars.

Marketing

MAR 301 Principles of Marketing (3) F, Sp, Su

Prerequisite: Junior standing

A introduction to the field of marketing and its related concepts. The course focuses on how to facilitate mutually satisfying exchanges in both the business to consumer market and the business to business market.

225**MAR 361 Retail Marketing (3) F**

Prerequisite: MAR 301.

An examination of the role of retailing in Marketing. Attention is focused on fundamentals for successful retail management. This course emphasizes basic marketing principles, procedures, and the selling environment. Major attention is paid to aligning the marketing mix in response to unfulfilled customer needs.

MAR 362 Personal Selling (3) Sp

Prerequisite: MAR 301.

Learning to develop and apply essential professional selling skills to effectively market yourself and the organization you represent. Basic concepts, processes, and techniques for selling, including customer analysis, prospecting, developing rapport, handling objections, customer service, and other related areas.

MAR 363 Direct Marketing Management (3) Sp

Prerequisite: MAR 301.

A study of the examination of the concepts, strategies, and applications involved in direct marketing, including direct mail, direct response advertising, telemarketing, catalogs, broadcast and co-ops. Measurability, accountability, lists, database management, and the integration of direct marketing programs into the marketing mix.

MAR 395 Consumer Behavior (3) F, Sp

Prerequisite: MAR 30I, PSY 200

A description and conceptual analysis of consumer buyer behavior. The focus is on the theory and research essential to the understanding of individual choice behavior.

MAR 460 Advertising (3) F

Prerequisite: MAR 30I.

A study and analysis of successful advertising principles. This enables students to appraise advertising effectiveness as a marketing tool and assess its social and economic significance.

MAR 461 Marketing Channels (3) Sp

Prerequisite: MAR 30I, MAR 395.

This course focuses upon institutions, functions and decision-making in marketing channels. Wholesaling and distribution systems in retailing are emphasized. The causes and resolution of channel power and conflict are also addressed.

MAR 462 International Marketing (3) Sp

Prerequisite: MAR 30I.

A global approach to the study of comparative marketing systems, including economic, social, technological, governmental, and political environments as they affect international marketing operations.

MAR 463 Survey of E-Commerce (3) Sp

Prerequisite: MAR 30I

This course is designed to provide an overview of a new paradigm for business transactions. Focuses on electronic interactions and exchanges amongst businesses, between businesses and consumers, and the infrastructure providers as they converge for the purchase and sale of goods, services, ideas, and information over the Internet.

MAR 487 Seminar in Marketing (3) Sp

Prerequisite: Junior standing and approval of the Chairperson

This course examines consideration of current issues in marketing. Readings required from current marketing publications and other related periodicals.

MAR 490 Service Marketing (3) F

Prerequisite: MAR 30I, MAR395.

This course examines product support services, the nature and characteristics of service, and the building of customer satisfaction through the facilitating of mutually satisfying exchange. Special attention will be given to survey instruments, such as the relevant dimensions of service quality.

MAR 495 Marketing Research (3) F, Sp

Prerequisites: BUS 312, MAR 301.

A study of fundamental techniques of market research. Students define marketing problems, develop methodology, gather, and process secondary and primary sources of information. The results are formally communicated.

Mathematics

MAT 101 College Mathematics I (3) F, Sp, Su

Prerequisite: Successful completion of DSM 099 or the required minimum score on the placement test. This is an intermediate algebra course. It covers linear equations and inequalities in one and two variables and their graphs. This course also covers polynomials and factoring, rational expressions, roots and radicals, and quadratic equations.

MAT 102 College Mathematics II (3) F, Sp, Su

Prerequisite: Successful completion of MAT 101 or the required minimum score on the placement test. This course provides students with the necessary mathematical background for matriculating in the degree-granting divisions. It covers basic aspects of sets, other bases, symbolic logic, statistics, probability, and plane geometry.

227**MAT 108 Integrated Mathematics (3) F, Sp, Su**

Prerequisite: Successful completion of MAT 101 with a grade of "C" or better.

This course is a thorough treatment of the mathematics appropriate for future educators. It includes basic mathematical concepts and operations and geometric concepts.

MAT III College Algebra (3) F, Sp, Su

Prerequisite: Placement test result or successful completion of MAT 102.

This course is an in-depth study of the real number system and its subsystems, it includes geometric view, representations, rational approximation or irrational numbers, laws of exponents and radicals, field properties of arithmetic operations; polynomials, rational expressions; complex number; algebraic equations, inequalities, intervals, algebraic inequalities; the Cartesian plane, distance and midpoint formulae; functions: representation of functions, notation, domain and range, evaluation of function.

MAT 112 Pre-Calculus (3) F, Sp, Su

Prerequisite: Completion of MAT III with a grade of "C" or better or permission of instructor.

This course is an in-depth study of concept of functions and their representations: polynomial, piecewise-defined, absolute value, rational, radical functions; sum difference, product, quotient, and composition of functions; systems of (2x2) linear equations.

MAT 113 College Trigonometry (3) F, Sp, Su

Prerequisite: Completion of MAT III with a grade of "C" or better.

This course is an in-depth study of properties of trigonometric functions and their graphs; inverse trigonometric functions; and polar coordinates.

MAT 200 Applied Calculus (4) F, Sp, Su

Prerequisite: MAT 112 with grade C or better.

The applications of calculus using computer algebra systems. A brief review of functions and plane analytic geometry; intuitive and geometric definitions of limit, continuity and derivatives; derivatives of elementary functions; applications of derivatives including optimization problems taken from various disciplines; indefinite integral, Riemann sums and definite integral; elementary techniques of integration; and applications of integration in various disciplines.

MAT 201 Calculus I (3) F, Sp, Su

Prerequisite: MAT 113 with grade C or better, or permission of instructor.

A brief review of functions and plane analytic geometry; intuitive and geometric definitions of limit, continuity and derivative; differentiation of elementary functions; and applications of derivatives, including sketching graphs of functions, and optimization problems.

228

MAT 202 Calculus II (3) F, Sp, Su

Prerequisite: MAT 201 with grade C or better.

Indefinite integral, Riemann sums and definite integral, elementary integration techniques, and applications of integration.

MAT 205 Introduction to Probability and Statistics (3) F, Sp, Su

Prerequisite: MAT 112 with grade C or better.

Probability concepts, discrete and continuous distributions, random variables, expectation and variance, frequency distribution, statistical inferences and sampling, hypotheses testing for the mean and variance of a population.

MAT 210 Discrete Mathematics I (3) F, Sp, Su

Prerequisite: MAT 112 with grade C or better.

Propositional and predicate logic, set theory, axiomatic construction of mathematical structures, mapping, cardinal numbers, and principles of mathematical induction.

MAT 211 Discrete Mathematics II (3) F, Sp, Su

Prerequisite: MAT 210 with grade C or better.

Boolean Algebra, combinatorics, elementary graphs theory, trees, recurrence relations, and elementary dynamical systems.

MAT 301 Calculus III (3) F, Sp, Su

Prerequisite: MAT 202 with grade C or better.

Inverse functions, integration techniques, L'Hospital's rule and indeterminate

forms, improper integration differentiation and integration of functions in polar and parametric forms, and infinite sequences and series.

MAT 302 Multivariable Calculus (4) F, Sp, Su

Prerequisite: MAT 202 with grade C or better.

A short review of calculus of one variable; three dimensional coordinate systems; scalar valued functions of several variables and their graphs; equations of curves, surfaces, and solids; limits; continuity; partial derivatives of several variables; applications of derivatives; multiple integration of scalar valued functions.

MAT 303 History of Mathematics (3) F, Sp, Su

Prerequisite: MAT 202 with grade C or better

Origins of arithmetic and geometric concepts in early cultures, the development of mathematics in African, Chinese, Hindu, Arabic, and other cultures; mathematics in the 17th and 18th centuries, mathematics in the 19th and 20th centuries.

MAT 305 College Geometry (3) F, Sp, Su

Prerequisite: MAT III with a grade of C or better or permission of instructor.

Properties of points, lines, planes; study of geometric figures: rays, line segments, curves, polygons; properties of parallel lines; properties of triangles and polygons; the Pythagorean theorem, congruency and similarity of triangles; measurements of angles, area, and volume; and transformation geometry; non-Euclidean geometry.

229

MAT 307 Number Theory (3) F, Sp, Su

Prerequisite: MAT II2 with grade C or better.

Properties of numbers, divisibility, Euclidean Algorithm, congruence and residue classes, Diophantine equations, and quadratic residues.

MAT 309 Introduction to Modern Algebra (3) F, Sp, Su

Prerequisite: MAT 2II.

Algebraic systems, equivalence classes, groups, rings, and fields.

MAT 350 Linear Algebra I (3) F, Sp, Su

Prerequisite: MAT II2 with grade C or better.

Matrices and their operations, systems of equations and matrices, determinants; properties of $\mathbb{R}^n$: linear combinations, linear dependence and independence, basis, dimension, subspaces, matrices as linear transformations, inner product, eigenvalues, and eigenvectors.

MAT 351 Linear Algebra II (3) F, Sp, Su

Prerequisite: MAT 350, MAT 20I with grade C or better.

Abstract vector spaces, linear transformations, positive definite matrices, canonical forms of matrices, applications in difference and differential equations.

MAT 402 Advanced Calculus (3) F, Sp, Su

Prerequisite: MAT 302 with a grade of C or better.

A rigorous treatment of the real and complex number systems, elements of set

theory; limits, continuity, differentiability, and integration, numerical sequences and series; sequences and series of functions; power series; functions of several variables.

MAT 403 Real Analysis (3) F, Sp, Su

Prerequisite: MAT 301 with a grade of C or better.

Sets and functions; sequences of real numbers; series of real numbers; metric spaces; limits of a function on metric spaces; continuous functions on metric spaces; connectedness, completeness and compactness; elementary functions and Taylor series; sequences and series of functions.

MAT 404 Topology (3) F, Sp, Su

Prerequisite: MAT 403 with grade C or better.

Sets and functions; metric spaces; topological spaces; matrix, product and quotient spaces; compactness and connectedness; function spaces.

MAT 405 Vector Calculus (3) F, Sp, Su

Prerequisite: MAT 302 with grade C or better.

The geometry of Euclidean space; vector-valued functions; limits, continuity and partial derivatives of vector-valued functions; integration; line and surface integral.

230

MAT 406 Complex Variables (3) F, Sp, Su

Prerequisite: MAT 302 with grade C or better.

Complex numbers and their algebraic properties; elementary functions of complex variables; mapping; limit, continuity, differentiability, and integral of functions of complex variables; sequences and series of complex numbers; transformations.

MAT 409 Dynamical Systems (3) F, Sp, Su

Prerequisite: MAT 201 and MAT 350 with grade C or better

Continuous dynamical systems: functions, iteration using technology, orbits, fixed and periodic points, logistic function, graphical analysis, stability, analysis of quadratic functions, chaotic quadratic functions; Introduction to discrete dynamical modeling, deriving discrete dynamical systems, equilibrium points, cobwebs, deriving difference equations, linear dynamical systems and applications to finance, social sciences, and Markov chains; nonlinear discrete dynamical systems and model of population growth and harvesting strategies, Newton's method, stability, bifurcation, and chaos.

MAT 410 Ordinary Differential Equations (3) F, Sp, Su

Prerequisite: MAT 301 with grade C or better.

First order linear and nonlinear equations, numerical methods, second and higher order linear equations, series solutions, systems of linear and nonlinear equations, phase plane, stability; applications.

MAT 411 Numerical Analysis I (3) F, Sp, Su

Prerequisite: MAT 410 with a grade of C or better.

The real number system, error analysis, solutions of nonlinear equations,

interpolation and approximation, and numerical differentiation and integration.

MAT 412 Numerical Analysis II (3) F, Sp, Su

Prerequisite: MAT 411 with a grade of C or better.

Matrices and systems of linear equations, solutions of difference and differential equations, and boundary-value problems.

MAT 414 Probability Theory (3) F, Sp, Su

Prerequisite: MAT 205, MAT 202 with grades of C or better.

Finite probability spaces, random variables and combinations of events; dependence and independence, elementary limit theorems, infinite probability spaces, probability density and distribution functions, expectations, moment generating functions, and Central Limit Theorem.

MAT 420 Directed Reading I (3) F, Sp, Su

Prerequisites: Permission of Instructor.

An introduction to the techniques of scientific investigation. Students, with the help of the instructor, choose a problem in mathematics and design a procedure for investigation. The problem may not be original; the purpose is to help students broaden and integrate their background in mathematics. Students write reports on their investigation with well-documented supporting evidence and present them to the instructor. Then they defend their investigation orally before colleagues, faculty, and visitors during the final week of the semester.

231

MAT 421 Directed Reading II (3) F, Sp, Su

Open to students who have successfully completed or want to continue with their investigation of the problem that they have chosen in MAT 420.

MAT 450 Senior Project in Mathematics I (2) F, Sp, Su

Prerequisite: Senior standing

This course is an introduction to the technique of scientific investigation. Senior students, with the help of a mathematics faculty, choose problems in mathematics and design procedures for investigation; investigate; write well-documented reports, and present them orally before colleagues and faculty. The problem may not be original; the purpose is to expose students to scientific investigate techniques.

MAT 451 Senior Project in Mathematics II (2) F, Sp, Su

Prerequisite: MAT 450

This course is a continuation of MAT 450. It is open to students who successfully completed or want to continue with their investigation of the problem that they chose in MAT 450.

Modern Foreign Languages

French

FRE 201 Elementary French I (3) F, Sp, Su

Pre-Co-requisite: ENG 101

This course introduces the phonetic and spelling systems of the French language and emphasizes the four basic language skills (listening, speaking, reading, writing) and cultural aspects of the francophone world. NOT open to native or near-native speakers of French.

FRE 202 Elementary French II (3) F, Sp

Prerequisite: FRE 201

This course continues development of the four basic language skills and advances students in an understanding of the culture of the francophone world. NOT open to native or near-native speakers of French.

FRE 301 Intermediate French I (3) F

Prerequisite: FRE 202 or equivalent

This course emphasizes practice in developing oral skill using readings, dialogues and dramatic sources. It also emphasizes intermediate grammar skills and develops a fuller understanding of the structure of the French language. Aspects of French culture discussed. NOT open to native speakers.

FRE 302 Intermediate French II (3) Sp

Prerequisite: FRE 301 or equivalent

This course emphasizes practice in developing writing skill, focusing on descriptive, narrative, expository and persuasive essay models from newspapers, magazines and literary sources. It also provides practice in grammar skills.

FRE 303 Survey of French Culture and Civilization I (3) F, Sp

Prerequisite: FRE 302 or FRE 324 or equivalent

This course explores the most important aspects of the culture and civilization of the Francophone world. It includes geography, history, societal and economic trends and the folklore of the peoples involved.

FRE 304 Survey of French Culture and Civilization II (3) F, Sp

Prerequisite: FRE 302 or FRE 324 or equivalent

This course explores the most important aspects of the culture and civilization of the Francophone world, focusing on contemporary issues.

FRE 305 Survey of French Literature I (3) F

Prerequisite: FRE 302 or FRE 324 or equivalent

This course surveys the literature of France from its earliest manifestation through the XVII century.

FRE 306 Survey of French Literature II (3) F

Prerequisite: FRE 302 or FRE 324 or equivalent

Continuation of the survey of the literature of France from XVIII century to the contemporary period. Literary tendencies in other French speaking regions will be included.

FRE 307 Advanced French Grammar and Composition (3) F

Prerequisite: FRE 302 or FRE 324 or equivalent

A detailed study of traditional grammar and composition, designed primarily for French minors and future teachers. Particular attention will be paid to correct usage in written communication.

FRE 308 Advanced French Composition (3) F

Prerequisite: FRE 307

A detailed study of the theory and practice of written communication, including a review of syntax and emphasizing rhetoric and style.

FRE 309 Business French (3) F, Sp

Prerequisite: FRE 302 or equivalent

Concentrated practice in the vocabulary and style of business correspondence and documents used in the present day Francophone world. This course is designed to improve skills in French for native speakers and others desiring to improve professional communication skills in the world of commerce.

233

FRE 312 French for Native Speakers I (3) F, Sp

This course is intended for native speakers who have had less than two (2) years or no course work in French in high school. It covers spelling, syntax and grammar, focusing on problems faced by native speakers as well as readings and practice in writing compositions in French.

FRE 313 French for Native Speakers II (3) F, Sp

Prerequisite: FRE 312

Concentrated practice in developing writing skill, focusing on descriptive, narrative, expository and persuasive essay models from newspapers, magazines and literary sources with special attention to problems faced by native speakers.

FRE 319 Advanced French Reading and Conversation (3) F, Sp

Concentrated practice in speaking skill at the advanced level. The course requires intensive reading and conversation and oral presentations in the French language. Designed primarily for future teachers. Open to native speakers or others with near native fluency.

FRE 370 French Study Abroad (3-6) Su

This course offers a total immersion in the French language and culture through basic reading, writing and conversation. It focuses on fundamental grammar and on the culture and folklore of the host country. Division approval required.

FRE 371 Intermediate French Study Abroad (3-6) Su*Prerequisite: FRE 202*

This course offers total immersion in the target language through intermediate reading and conversation. It includes intermediate writing and grammar. Class discussions will focus on contemporary French cultural issues and the folklore of the host country. Division approval required.

FRE 444 19th Century French Literature (3) F

A study of the literary trends of the century—Romanticism, Realism and Naturalism and representative works.

FRE 445 20th Century French Literature (3) Sp

A study of the literary trends of the century—surrealism, existentialism, theater of the absurd—and representative works.

FRE 448 African and Caribbean French Literature (3) F

A study of the Negritude literary movement, focusing on its origin, development and influence in contemporary African and Caribbean French speaking regions, including Haiti and others.

Spanish

SPA 201 Elementary Spanish I (3) F, Sp, Su*Prerequisite: Successful completion of ENG 101.*

This course and its sequel, SPA 202, constitute the basic sequence in Spanish. Emphasis is on the development of competence in the language. NOT open to native or near-native speakers of Spanish.

SPA 202 Elementary Spanish II (3) F, Sp, Su*Prerequisite: Successful completion of SPA 201*

This course completes the sequence in the Spanish language general college requirement. It prepares students for advanced course work in Spanish if desired. NOT open to native or near-native speakers of Spanish.

SPA 301 Intermediate Spanish I (3) F, Sp, Su*Prerequisite: SPA 202*

This course is a continuation of Spanish 202 stressing improved fluency in spoken and written Spanish as well as reviewing and developing a greater understanding of the structure of the Spanish language. It includes an emphasis on Hispanic culture. NOT open to native speakers of Spanish (See FMC Language Requirement).

SPA 302 Intermediate Spanish II (3) Sp, Su*Prerequisite: SPA 301*

This course is a continuation of SPA 301 designed to improve fluency in spoken and written Spanish as well as to review and develop a greater understanding of

the structure of the Spanish language. It includes an emphasis on Hispanic culture. NOT open to native speakers of Spanish (*See FMC Language Requirement*).

SPA 308 Advanced Spanish Composition (3) F

Prerequisite: SPA 302 or permission of instructor

A further review of Spanish grammar and its application in written exercises, focusing on personal, journalistic and academic topics.

SPA 311 Advanced Spanish Grammar (3) Sp

Prerequisite: SPA 302 or 324

A further review of Spanish grammar and its application in written exercises focusing on personal, journalistic and academic topics.

SPA 312 Peninsular Culture and Civilization (3) F

Prerequisite: SPA 302 or 312 or 324

A survey of the most important aspects of Peninsular (European) Spanish culture, including geography, history and a study of the folklore and social customs of the people of Spain.

SPA 313 Hispano-American Culture and Civilization (3) Sp

Prerequisite: SPA 302 or 312 or 324

A survey of the most important aspects of Hispano-American culture, including geography, history and a study of the folklore and social customs of the people of the former colonies of Spain.

SPA 314 Survey of Peninsular Spanish Literature (3) F

Prerequisite: SPA 302 or 324

A survey of representative examples of the most important literary works of Spain from *El Cid* through the 20th century.

SPA 315 Survey of Hispano-American Literature (3) Sp

Prerequisite: SPA 302 or 324

A survey of representative examples of the most important literary works of Hispanoamerica, from the works

SPA 309 Business Spanish (3) Sp

Prerequisite: SPA 302 or 312

Concentrated practice in the vocabulary and style of commercial correspondence and other business documents as used in present day Spain and Hispanoamerica. This course is designed to improve skills in Spanish for native speakers and others desiring to improve professional communication in the world of commerce.

SPA 319 Advanced Spanish Reading and Conversation (3) F

Prerequisite: Successful completion of ENG 101

Concentrated practice in speaking skill at the advanced level. This course requires

intensive reading, conversation and oral presentations in Spanish. Designed primarily for future teachers. Open ONLY to native speakers or students with near native fluency.

SPA 323 Spanish for Native Speakers I (3) F

Pre-Co-requisite: Successful completion of ENG 101

This course is intended for native Spanish speakers having little or no formal course work in Spanish in high school. It covers spelling and grammar, focusing on problems faced by native speakers as well as readings and practice in writing compositions in Spanish (see FMC Language Requirement).

SPA 324 Spanish for Native Speakers II (3) Sp

Pre-Co-requisite: Successful completion of ENG 101 and SPA 323

This course is a continuation of SPA 312 and focuses on readings and practice in writing compositions in Spanish. It includes a variety of written materials found in magazines, newspapers and literature. Concentrated practice in developing writing skill (see FMC Language Requirement).

SPA 370 Spanish Study Abroad (3-6) Su

This course offers a total immersion in Spanish language and culture through basic conversations, readings and written work. It focuses on fundamental grammar and on the culture and folklore of the host country. Division approval required.

SPA 371 Intermediate Spanish Study Abroad (3-6) Su

Prerequisite: SPA 202 or equivalent

This course offers a total immersion in Spanish language and culture through intermediate level conversations, readings and writings. It focuses on intermediate level writing and grammar. Class discussions will cover contemporary Hispanic cultural issues as well as the history and folklore of the host country. Division approval required.

SPA 401 The Hispanic Novel (3) F

A survey of the Novel and in Spain and Hispanoamerica. Periods and authors will be specified by the instructor.

SPA 403 El Siglo de Oro (3) Sp

Prerequisite: SPA 302 or 324

A survey of the major works of Golden Age Spanish literature (c. 1520-1650) with particular emphasis on the works of Fray Luis de León, Lope de Vega, Luis de Góngora, Francisco de Quevedo and Pedro Calderón de la Barca.

SPA 407 Cervantes (3) F

Prerequisite: SPA 302 or 324

An examination of the major works of Miguel de Cervantes Saavedra with special attention to *El Quijote* and its influence on the development of the modern novel.

Music

MUS 101 Structures of Music I (3) F, Sp, Su

Introduction and review of music fundamentals such as the great staff, popular music chord symbols, traditional chords (I,IV,V,V7), analysis and arrangement of familiar melodies for solo and accompaniment, ear training and keyboard harmony. Advanced students may test out and receive credit.

MUS 102 Structures of Music II (3) F, Sp, Su

Prerequisite: MUS 101 or permission of instructor.

This course is a continuation of MUS 101 and includes the introduction of secondary dominants, transposition, four-part writing, analyzing and arranging familiar melodies for SATB and instrument families.

MUS 103 Class Piano I (1) F, Sp, Su

This course is designed as an introduction to playing the keyboard and fundamental keyboard techniques and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 104 Class Piano II (1) F, Sp, Su

This course is a continuation of MUS 103 and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

237

MUS 111 Sight Singing/Ear Training I (2) F, Sp, Su

The course is designed to improve the reading skills and pitch identification of the student.

MUS 112 Sight Singing/Ear Training II (2) F, Sp, Su

The course is a continuation of MUS 111 and is designed to improve the reading skills and pitch identification of the student. *Prerequisite: MUS 111 or permission of instructor.*

MUS 131 Applied Voice (1) F, Sp, Su

The course serves as the foundation for the formal study of voice. The voice major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 331, which is to be taken four different times at the advanced level.

MUS 133 Applied Keyboard (1) F, Sp, Su

The course serves as the foundation for the formal study of keyboard. The keyboard major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 333, which is to be taken four different times at the advanced level.

MUS 135 Applied Brasswind (I) F, Sp, Su

The course serves as the foundation for the formal study of brass instruments. The brasswind major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 335, which is to be taken four different times at the advanced level.

MUS 141 Concert Chorale (I) F, Sp, Su

This course is designed primarily for students preparing to become choir directors and for non-majors with choral music experience. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

MUS 145 Applied Woodwind (I) F, Sp, Su

The course serves as the foundation for the formal study of woodwind instruments. The woodwind major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 350, which is to be taken four different times at the advanced level.

MUS 155 Applied Strings (I) F, Sp, Su

The course serves as the foundation for the formal study of strings. The strings major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 355, which is to be taken four different times at the advanced level.

MUS 161 Concert Band (I) F, Sp, Su

This course is designed primarily for students preparing to become band directors and for non-majors with instrumental music experience. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

MUS 162 Concert Band - Orchestra (I) F, Sp, Su

This course is designed primarily for students preparing to become orchestral directors and for non-majors with orchestral music experience. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

MUS 165 Applied Percussion (I) F, Sp, Su

The course serves as the foundation for the formal study of percussion instruments. The percussion major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 365, which is to be taken four different times at the advanced level.

MUS 168 Applied Steel (I) F, Sp, Su

The course serves as the foundation for the formal study of the steel pan. The steel pan major must enroll in and pass each of the four different levels of the course prior to enrolling in MUS 368, which is to be taken four different times at

the advanced level.

MUS 171 Jazz Band (I) F, Sp, Su

This course is designed primarily for students preparing to become jazz band directors and for non-majors with jazz music experience. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

MUS 180 Chamber Music (I) F, Sp, Su

This course is designed primarily for students interesting in vocal music for the stage. An audition is required. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

MUS 181 Chamber Ensemble Pops (I) F, Sp, Su

This course is designed primarily for students with experience in commercial music. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

MUS 185 Chamber Ensemble Steel (I) F, Sp, Su

This course is designed primarily for students with experience or learning how to play the steel pan. A cross-section of music representative of different eras and styles will be performed. The course may be repeated each term for credit.

239

MUS 187 Music Production Workshop (I) F, Sp, Su

The course is a practicum exploration of the fundamentals of creating and staging musical theater/revues to include: script/lyric writing, singing/instrumental development, movement/choreography, and management/promotion. The course may be repeated each term for credit.

MUS 200 Music Appreciation (3) F, Sp, Su

This course is an exposition of the philosophy, principles and materials of music from earliest times to the contemporary period with illustrative examples from the ancient Egyptians, Greeks, Romans, other ancients and Christians, moderns and contemporaries, emphasizing influences and contributions by Africans and African Americans.

MUS 201 Structures of Music III (3) F, Sp, Su

Prerequisite: MUS 102 or permission of instructor.

This course is a continuation of MUS 102 and emphasis is placed upon analyzing melodic, harmonic, and rhythmic patterns from eighteenth century, nineteenth century, and early twentieth century compositions. The course also involves composing and arranging melodic, harmonic, and rhythmic patterns as related to blues, gospel, jazz, etc.

MUS 203 Structures of Music IV (3) F, Sp, Su

Prerequisite: MUS 201 or permission of instructor.

This course is a continuation of MUS 201 and emphasis is placed upon analyzing melodic, harmonic, and rhythmic patterns from eighteenth century, nineteenth century, and early twentieth century compositions. The course also involves composing and arranging melodic, harmonic, and rhythmic patterns as related to blues, gospel, jazz, etc.

MUS 204 Class Piano III (I) F, Sp, Su

This course is a continuation of MUS 104 and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 205 Class Piano IV (I) F, Sp, Su

This course is a continuation of MUS 204 and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 207 Jazz Improvisation and Arranging I (3) F, Sp, Su

Prerequisite: MUS 102 or permission of instructor.

Emphasis is placed upon the embellishment of improvised solos on chords, melodies, and rhythm. Chord progressions and related scales, patterns, cliches as they relate to creative improvisation will be explored, as well as the various stylistic approaches of jazz improvisation.

240**MUS 208 Jazz Improvisation and Arranging II (3) F, Sp, Su**

Prerequisite: MUS 201 or permission of instructor.

Emphasis is placed upon the embellishment of improvised solos on chords, melodies, and rhythm. Chord progressions and related scales, patterns, cliches as they relate to creative improvisation will be explored, as well as the various stylistic approaches of jazz improvisation.

MUS 209 History of Music I (3) F, Sp, Su

This course is a survey of music of the European Diaspora and its influences from antiquity to the present. Emphasis is placed on societal, cultural and political influences on musicians, their music and performance practices.

MUS 210 History of Music II (3) F, Sp, Su

This course is a survey of music of the African Diaspora and its influences from antiquity to the present. Emphasis is placed on societal, cultural and political influences on musicians, their music and performance practices.

MUS 238 Vocal Techniques (I) F, Sp, Su

This course serves as an introduction to using the human voice as an instrument. Emphasis is placed upon voice production, projection, breathing, and techniques.

MUS 243 Techniques/Brasswinds (I) F, Sp, Su

This course serves as an introduction to playing brasswind instruments. Emphasis

is placed upon tone production, projection, breathing, and techniques.

MUS 247 Techniques/Woodwinds (1) F, Sp, Su

This course serves as an introduction to playing woodwind instruments. Emphasis is placed upon tone production, projection, breathing, and techniques.

MUS 257 Techniques/Strings (1) F, Sp, Su

This course serves as an introduction to playing stringed instruments. Emphasis is placed upon tone production, projection, and techniques.

MUS 267 Techniques/Percussions (1) F, Sp, Su

This course serves as an introduction to playing percussion instruments. Emphasis is placed upon tone production, projection, and techniques.

MUS 291 Music Criticism (3) F, Sp, Su

The course is designed to prepare the performing arts student to evaluate their preparation and performances. Emphasis will be focused upon reviewing and writing performing arts reviews for the media.

MUS 302 Composition/Arranging Vocal (3) F, Sp, Su

Prerequisite: MUS 203 or permission of instructor.

The course uses standard and contemporary melodies for vocal ensemble arrangements with and without instruments. The student will present at least fifteen minutes of music covering different styles and tempos to be performed by an ensemble.

241

MUS 306 Anthems, Spirituals & Hymns (3) F, Sp, Su

Prerequisite: MUS 203 or permission of instructor.

The course is designed for the student to analyze, select, rehearse, and perform anthems, spirituals for different audiences and congregations.

MUS 307 Spirituals & Lined Hymn Tunes (3) F, Sp, Su

This course analysis the use and practice of the African American folk spirituals and lined hymn tunes in traditional and contemporary church services.

MUS 312 Conducting (3) F, Sp, Su

Prerequisite: MUS 203 or permission of instructor.

This course serves as an introductory course to basic conducting patterns in simple, duple, and triple meters. Particular emphasis is placed upon executing the anacrusis, fermata, and tempo changes.

MUS 315 Small Ensemble Arranging (3) F, Sp, Su

The course uses standard and contemporary melodies for small ensemble arrangements with and without vocals. The student will present at least fifteen minutes of music covering different styles and tempos to be performed by an ensemble. *Prerequisite: MUS 203 or permission of instructor.*

MUS 331 Applied Voice (2) F, Sp, Su

This course serves as the advanced level of training for the voice student. The course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The voice major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

Prerequisite: Four semesters of MUS 131 or permission of instructor.

MUS 333 Applied Keyboard (2) F, Sp, Su

Prerequisite: Four semesters of MUS 133 or permission of instructor.

This course serves as the advanced level of training for the keyboard student. The course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 335 Applied Brasswind (2) F, Sp, Su

Prerequisite: Four semesters of MUS 135 or permission of instructor.

This course serves as the advanced level of training for the brasswind student. The course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

242**MUS 337 Acoustic-Electronic Signal I (2) F, Sp, Su**

This course serves as an introduction to composing, arranging, editing, and printing music using various music software programs with the computer and synthesizer. The course may be repeated for credit.

MUS 340 Acoustic-Electronic Signal II (2) F, Sp, Su

This course is a continuation of MUS 337 and may be repeated for credit.

MUS 345 Form and Analysis (3) F, Sp, Su

The course prepares the student to be able to analyze the basic forms of composition using accepted practices from traditional and contemporary approaches.

MUS 353 Applied Woodwind (2) F, Sp, Su

Prerequisite: Four semesters of MUS 145 or permission of instructor.

This course serves as the advanced level of training for the woodwind student. The course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 355 Applied Strings (2) F, Sp, Su

Prerequisite: Four semesters of MUS 155 or permission of instructor.

This course serves as the advanced level of training for the string student. The

course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The string major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 364 History of Jazz (3) F, Sp, Su

Emphasis is placed on the importance of jazz and the representation of jazz from its early inception in the late 1890s to the late 1900s. The course promotes a critical analysis of the various styles and the most influential musicians and bands from early jazz, hard bop, cool jazz, avant-garde (free-jazz), and fusion.

MUS 365 Applied Percussion (2) F, Sp, Su

Prerequisite: Four semesters of MUS 165 or permission of instructor.

This course serves as the advanced level of training for the percussion student. The course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 367 Instrumental Methods (3) F, Sp, Su

The course is designed as an introduction to the development, tone production, and fingering for brass winds, woodwinds, strings, and percussions.

243

MUS 368 Applied Steel (2) F, Sp, Su

Prerequisite: Four semesters of MUS 168 or permission of instructor.

This course serves as the advanced level of training for the steel pan student. The course is designed to prepare the student for the senior recital, profession auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 370 History of Popular Music (3) F, Sp, Su

Emphasis is placed upon the history, styles, musicians, and sociological conditions that caused the music to be developed.

MUS 394 Jazz Improvisation & Arranging (3) F, Sp, Su

Prerequisite: MUS 207, 208 or permission of instructor.

The course is centered around the study and application of various styles of improvisation and arranging for jazz and its progenitors with emphasis on composing and arranging while performing and writing or recording hard copy. Basic melodic, harmonic and rhythmic patterns and Greek scales will be performed.

MUS 395 Liturgical Dance (3) F, Sp, Su

This course presents examples of dance used in religious worship and rituals throughout history and ways of introducing it to today's congregations and audiences.

MUS 453 Introduction to Church Music (3) F, Sp, Su

This course defines the development of authentic religious music practices and genres, influences from various traditional and non-traditional church denominations and institutions. It examines the history and politics of church denominations as related to the roles and functions of church musicians and music ministry management.

MUS 474 Foundations of Music Education (3) F, Sp, Su

The course defines the historical, psychological, and sociological developments of music education

MUS 487 Applied Music Recital (1) F, Sp, Su

Prerequisite: Permission of faculty.

This course represents a culmination of systematic training in voice or an instrument. Required of all graduating students or may be exempted by faculty upon presentation or documentation of successful performances at the professional level.

MUS 491 Business of Music (3) F, Sp, Su

This course prepares the student to understand and function as a professional artist in dealing with contracts, copyrights, negotiations, management, recordings, agents, etc.

MUS 492 Emotion and Music (3) F, Sp, Su

This course presents examples of the way music has been used throughout history, as well as in the present, as a vehicle for modifying the listener's responses. It presents an understanding of ways to perform for different audiences.

MUS 493 Major Applied Research Project I (3) F, Sp, Su

This course gives the student the opportunity to incorporate professional experiences through a documented format.

MUS 494 Music Internship (3) F, Sp, Su

This course is designed for the student to gain practical experience in the performing arts field of his choice.

MUS 498 Major Applied Research Project II (3) F, Sp, Su

This course is a continuation of MUS 493 and gives the student the opportunity to incorporate professional experiences through a documented format.

MUS 499 Comparative European Languages (3) F, Sp, Su

This course is designed to introduce the student to basic pronunciation and definition of musical terms and lyrics in French, German, and Italian.

Music Business

MUB 301 Introduction to Music Business (3)

This course presents the history and development of the music industry, focusing upon contemporary theory and practice.

MUB 311 Computers and Music (3)

This course serves as an introduction to basic computing skill for the musician, exploring Musical Instrument Digital Interface (MIDI) as a tool in the marketplace. Topics include MIDI sequencing, computer-assisted musical notation, and electronic keyboards.

MUB 331 Music Copyright and Publishing (3)

The course is a study of the national and international protection of intellectual property through laws such as the 1976 Copyright Act. National and international publishing and licensing agreements are examined.

Physical Education

245

PED 101 Tennis, Basketball (1) F, Sp

This activity course provides basic instruction in the fundamentals of weight training, football and softball. Elements of the course include rules, scoring and team play.

PED 110 Dimensions of Wellness (2) F, Sp

This college required freshman class is designed to provide students with the basic concepts of fitness, health, and nutrition and will promote an involvement with personal well being that indicates a balanced approach to wellness.

PED 201 Volleyball, Soccer (1) F, Sp

This activity course provides basic instruction in the fundamentals of volleyball and soccer. Elements of the course includes rules, scoring and team play.

PED 202 Personal Fitness and Hygiene (3) F, Sp, Su

This course is designed to increase student knowledge of personal hygiene and physical fitness and their relationship through a combination of effective exercise and proper nutrition.

PED 210 Swimming (1) Sp, Su

This course provides basic instruction in the skills and knowledge of swimming. Elements of the course include crawl, back crawl, sidestroke, breaststroke, swimming and diving techniques.

PED 212 Advanced Swimming (1) Sp, Su

Prerequisite: Successful completion of PED 210.

This course provides basic instruction in the development of the principle strokes, water skills, and methods of self-preservation.

PED 213 Safety and First Aid (2) F, Sp, Su

This course is a comprehensive study in the various areas of general safety education in the total school program, home, and community. It is designed to acquaint students with appropriate first aid techniques used in accidents and injuries.

PED 212 Advanced Swimming (1) F, Sp, Su

Prerequisite PED 210

This course is comprehensive in the various areas of general safety education in the total school program, home, and community. It is designed to acquaint students with appropriate first aid techniques used in accidents and injuries.

PED 215 Lifeguarding (2) F, Sp, Su

Prerequisite: PED 212.

Detailed Red Cross Certification in Lifesaving and Lifeguarding techniques.

246**PED 311 History and Principles of Physical Education (3) F, Sp**

Prerequisite – Successful completion of 200 level PED courses

Principles of modern physical education programs including the history related to the present day program.

PED 312 Introduction to Sports Philosophy (3) Sp, Su

Prerequisite – Successful completion of 200 level PED courses

An introductory course dealing with the philosophy of Physical Education as applied to Athletics, and Community Recreation.

PED313 Community Recreation (3) Sp

Prerequisite – Successful completion of 200 level PED courses

This course will help meet the needs of those students who will work outside the school and devote their energies to recreational services. Requires six weeks in-field experience at local park or recreational site.

PED 314 Social and Community Health (3) F, Sp, Su

Prerequisite – Successful completion of 200 level PED courses

A study of the social aspects of problems of community problems. Attention will be given to contemporary problems including alcohol, tobacco, substance abuse and community diseases.

PED 315 Play and Community Recreation (2) F

Prerequisite – Successful completion of 200 level PED courses

Recreational activities, especially games of low organization, nature and outings,

activities, drama, arts and crafts.

PED 322 Theory of Coaching and Officiating (3) Sp

Prerequisite – Successful completion of 200 level PED courses

An analysis of events for students who plan to officiate, coach, score, and analyze play situation. Intramural games will provide the necessary laboratory for this analysis.

PED 323 Individual Group Activities (3) F

Prerequisite – Successful completion of 200 level PED courses

Demonstration and techniques in individual group and activities with an analysis of the skills, practice drills and progression in activities.

PED 325 Rhythmic Activity (2) F, Sp, Su

Prerequisite – Successful completion of 200 level PED courses

Study of fundamental steps, patterns and music and movement used in rhythmic activities including songs, plays, singing games, and American square and folk dancing.

PED326 Modern Dancing (2) Sp

Prerequisite – Successful completion of 200 level PED courses

A study of basic techniques of the various dance forms, and movements; the development of an awareness and appreciation of the dance as an art and health aid in figure toning and weight controlling.

247

PED 327 Gymnastics, Stunts, and Tumbling (2) F

Prerequisite – Successful completion of 200 level PED courses

Basic techniques in tumbling, stunts, and gymnastics.

PED 401 Organization and Administration of Physical Education Programs

(3) Sp *Prerequisite – Successful completion of 200 level PED courses*

Organization and administration of physical education, highlighting the relationship to other functions of the school and athletics.

PED 402 Organization, Administration, and Supervision of Recreation Programs (3) Sp

Designed to meet the needs of students who will plan, direct, supervise, and administer health and recreation programs. This course includes emphasis on staffing, budgeting, evaluating and distribution of playground materials and equipment.

PED 403 Adaptive and Corrective Physical Education (3) F

Prerequisite BIO 101, BIO 200

This course presents an anatomical and mechanical analysis on condominium and settlement house recreation, institutional recreation and suitable activities.

PED 404 Recreation for the Aged (3) Sp

Programming planning for the aged and retired with emphasis on condominium and settlement house recreation, institutional recreation, and suitable activities.

PED 405 Seasonal Sports (3) F, Su

Selected sports instruction and method of teaching in the non-traditional sports including golf, tennis, soccer and racket ball.

PED 407 Exercise Physiology (3) F, Su

Prerequisites BIO 200 and all 200 and 300 level PED courses

Designed to study the changes in various body mechanisms that occur during exercise including long-term effects of systemic physical training.

PED 408 Kinesiology (3) Sp

Prerequisites BIO 200 and all 200 and 300 level PED courses

The study of human bodily movements and understanding the purpose of each movement.

PED 410 Care and Prevention of Athletic Injuries (3) F, Sp, S

Prerequisites BIO 200 and all 200 and 300 level PED courses, PED 408

The prevention and care of athletic injuries including advanced techniques in taping, wrapping, and use of therapeutic modalities.

248

PED 414 Psychomotor Learning (3) F, Sp, S

Prerequisite EDU 402

A study of muscular activity associated with the mental processes in the acquisition of skills.

Physical Science

PSC 101 Physical Science (3) F, Sp, Su

Prerequisite: Successful completion of MAT 101.

This course is for non-science majors only. It provides a brief overview of the major theories and problems in physics, chemistry, earth science, and astronomy. Topics include elementary mechanics, scientific notation, measurement, atomic structure, energy, electromagnetism, geology, meteorology, and the solar system.

Physics

PHY 200 College Physics I (3) F, Sp, Su

Prerequisite: MAT III Co-requisite: PHY 201.

This course covers fundamental concepts of mechanics, forces and equilibria, motion of a particle in one and two dimensions, laws of motion, work and energy, momentum, collisions in one dimension, circular motion, gravity, motion of fluids,

heat, kinetics, laws of thermodynamics, wave motion and sound.

PHY 201 College Physics I Laboratory (I) F, Sp, Su

Co-requisite: PHY 200.

Experiments include laws of linear motion and collisions, extended circular motion, mechanical equivalent of heat, diffraction, polarization, analysis of spectral lines, propagation, reflection, and refraction of light, propagation of heat and expansion of materials.

PHY 202 College Physics II (3) F, Sp, Su

Prerequisites: PHY 200 and 201 Co-requisite: PHY 203.

This is a continuation of PHY 201 covering electrostatics, fields, resistance, direct current and circuits, alternating currents, induced EMF, electrostatic capacitors and charges, direct current circuits, electromechanical effects, magnetism and electromagnetic effects, electromagnetic induction, light and its measurement, optical instruments and simple treatment of interference and diffraction, optical spectra and atomic structure, natural radioactivity and nuclear disintegration.

PHY 203 College Physics II Laboratory (I) F, Sp, Su

Co-requisite: PHY 202.

Experiments include: induction; electric circuits; Ohm's Law; dependence of resistance on length; area, and temperature; parallel and series connection of resistors; motors; electromagnetism and induction; characteristics of parallel plate capacitor; motion of charges in magnetic fields; and deflection of an electron beam by homogeneous magnetic fields.

249

PHY 250 Physics with Calculus I (4) F, Sp, Su

Prerequisite: MAT 202 Co-requisite: PHY 251.

This course covers the principles of classical mechanics using the techniques of the calculus—vectors, laws of circular motion, work/energy conservation laws, linear and angular momentum, rotation of rigid bodies, oscillatory motion, the laws of thermodynamics, and the kinetic theory of gases.

PHY 251 Physics with Calculus I Laboratory (I) F, Sp, Su

Co-requisite: PHY 250.

Experiments include error estimation, laws of linear motion and collision; extended circular motion; mechanical equivalent of heat; diffraction; polarization; analysis of spectral lines; propagation, reflection, and refraction of light; transfer of heat, and expansion of materials using calculus.

PHY 252 Physics with Calculus II (4) F, Sp, Su

Prerequisites: PHY 250, PHY 251. Co-requisite: PHY 253.

This course covers electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and physical optics using the calculus tech-

niques.

PHY 253 Physics with Calculus II Laboratory (I) F, Sp, Su

Co-requisite: PHY 252

Experiments include induction; electric circuits; Ohm's Law; dependence of resistance on length, area, and temperature; parallel and series connection of resistors; motors; electromagnetism and induction; characteristics of parallel plate capacitors; motion of charges in a magnetic field; and deflection of an electron beam by homogeneous magnetic fields.

Philosophy

PHI 200 Aesthetics (3) Sp

A survey of aesthetic theory and major contributors.

PHI 301 Introduction to Western Philosophy (3) F

A survey of Western philosophy and major philosophers.

250

Political Science

POL 301 U.S. Government (3) F, Su

A survey of the structure, function, theory and practices of United States government.

POL 302 State and Local Government (3) Sp, Su

A study of state and local government in America with emphasis on principles, functions and administration of state, county and local government.

POL 311 Comparative Government (3) Sp

Prerequisite: POL 301

A comparative study of the backgrounds, institutions, and policies of the United States, England, France, the Soviet Union and Sweden.

POL 330 International Politics (3) F

Prerequisite: POL 301

A study of geographic political, economic and ideological factors which influence the behavior of nations.

POL 331 Politics of Black Americans (3) Sp

An analysis of the political behavior of Black Americans and the issues which affect them in a significant way.

POL 333 Politics of Governmental Finance (3) F

Prerequisite: POL 301

An assessment of politics, planning and administration of governmental budgets.

POL 334 Public Personnel Administration (3) Sp

Focuses upon the theory, practice and organization of public personnel training, classification, compensation, promotion and human relations.

POL 337 Public Policy Analysis (3) Sp

A study of the forces shaping public policy and the consequence of policy design, public bureaucracy and their programs and decision making.

POL 338 Administration of Social Services (3) F, Su

Designed to enable one to understand the process of planning and administering basic social services, including housing, recreation, health care, policy and welfare.

POL 340 Third World Politics (3) F

An analysis of selected political systems in Africa, Latin America, the Caribbean and Asia.

POL 403 Management of Federal Government (3) Sp

An investigation of the executive, legislative and judicial branches of government.

251

POL 407 Constitutional Law I (3) F, Sp

This course takes a look at the development and philosophies of constitutions. Emphasis is placed on the role, interpretations, and procedures of the Constitution of the United States of America.

POL 408 Constitutional Law II (3) F, Sp

Prerequisite: POL 407

This course is a continuation of Constitutional Law I and examines the interpretations, and amendments of the Constitution. An exploration of constitutional limitations and guarantees is included.

POL 430 Research in Political Science (3) F, Su

This course deals with principles and techniques of research in political science.

POL 436 Political Theory (3) Sp, Su

Political thought and writings Greek antiquity to modern times; Emphasis is placed on the leading political figures.

POL 438 International Law and Organization (3) Sp, Su

Using the United Nations and the International Public Sector as a backdrop for this course, issues such as peacekeeping, trade, and social and humanitarian efforts are covered. This course also examines why states act through formal international organizations such as the United Nations as well as informal non-

governmental organizations (NGOs) such as multinational corporations.

POL 490 Field Placement I (6) F, Sp, Su

Supervised field work with a governmental or other public affairs oriented organization.

POL 491 Field Placement II (6) F, Sp, Su

Prerequisite: POL 490.

A continuation of field placement I with supervised field work in a governmental or other public affairs agency.

Psychology

PSY 200 Introduction to Psychology (3) F, Sp, Su

This is an intensive reading course. The course is an introduction to psychological terms, facts, and principles and is designed to aid students in understanding themselves and others. Behavior is analyzed and interpreted through a discussion of such topics as growth and development in infancy, childhood, adolescence, and adulthood; states of awareness; learning and thinking; motivation and emotion; mental health; and social behavior.

252

PSY 301 Psychopathology (3) F

The study of various abnormal phases of behavior; prevention and treatment of certain social-emotional problems; examination of recent clinical and experimental findings.

PSY 302 Clinical Psychology (3) Sp

The history and current status of clinical psychology; professional ethics and interpersonal concerns; clinical assessment and prediction; theory and practice of behavior change.

PSY 303 Experimental Psychology (3) F

This course deals with selected laboratory experiments and demonstrations, lectures, collateral readings in methods and results of psychological experimentation.

PSY 304 Physiological Psychology (3) Su

An investigation of basic neuroanatomy and neurophysiology followed by an introduction to the physiological basis of sensation, arousal, motivation, memory, and learning.

PSY 306 Developmental Psychology (3) F

The study of the development of personality, intelligence, and motivation from childhood to adulthood. The role of social learning in the developmental process will be investigated.

PSY 307 History and Systems of Psychology (3) Sp, Su

A study of the development of psychology as a body of science and the historical background of psychology.

PSY 308 Personality Theory (3) Sp, Su

An examination of the place of personality theory in various approaches to the fields of personality. Studies include the structures, determinants, dynamics and developmental characteristics of personality.

PSY 309 Research Methods (3) F, Sp, Su

This course provides an overview of various research methods used in psychology and other social and behavioral science. Emphasis is placed on the logic of social inquiry, problems of research design and execution, and qualitative and quantitative analyses. Students will be guided through a research proposal that may be used in the development of their senior project

PSY 310 Community Psychology (3) F, Sp, Su

This course gives students a basic understanding of the content, approach, and philosophy that characterize community psychology. The focus is on the importance and strategies for producing social change and for treating community problems with prevention oriented community psychology interventions. Organized around community settings such as the educational system, the criminal justice system, social service system, and mental health system, the course aids students in understanding that principles of prevention and empowerment can be transferred from one community arena to another. A central concept in this course is the idea that setting or environment is as important as the individual(s) in it and that many academic disciplines and counseling methods can offer solutions to psychological problems found in the community.

253

PSY 312 Introduction to Statistics (3) F, Sp, Su

Prerequisite: Successful Completion of MAT 102 or a higher level math course.

This course is designed to introduce students to the basic concepts of descriptive and inferential statistics, and to build a groundwork for better understanding social science data and statistics commonly used in social research. Emphasis will be placed on practical application of statistical theories and techniques to social science data, the use of statistical computer software, and the interpretation and production of statistical tables and charts. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered.

PSY 316 Psychology of Culture (3) F

An introduction to the influence of cultural factors that serve as independent variables in the dynamic process of human behavior, development and interpersonal exchange. A major focus will be placed on examining African American, Asian American, Hispanic American and Native American cultures.

PSY 317 Psychology of the African Diaspora (3) F, Sp, Su

This course examines the psychological dimensions of the African American experience as it occurs within the conceptual framework of the African Diaspora. Topics to be covered include African culture and consciousness before the coming of the Europeans, the psychological impact of slavery, the psychology of resistance to domination, the psychology of creolization, the psychology of religion, the African American family, the psycho-spiritual development of African-American people, identity and psychological health and healing.

PSY 401 Advanced Statistics (3) F, Sp, Su

Prerequisite: PSY 312 or SSC 302.

Further study of quantitative methods including correlation, chi-square, contingency and analysis of variance, this course is designed for students who have completed a basic statistic course and desire a greater understanding of social science data and statistics commonly used in behavioral research. Emphasis will be placed on practical application of statistical theories and techniques to social science data, the use of statistical computer software, and the interpretation and production of statistical tables and charts.

254

PSY 402 Clinical Interview and Behavioral Assessment (3) F, Sp, Su

An introduction to approaches to counseling. The theoretical foundations and methodologies of the major clinical psychology theorists will be examined.

PSY 403 Psychology of Learning (3) F, Sp, Su

A study of the theories of learning. It includes motivation of learning and experimental findings relative to animal and human learning and retention. Theories of Pavlov, Thorndike, Hull, Tolman, Guthrie, Skinner, and Hebb are introduced.

PSY 405 Assessment and Evaluation (3) F, Sp, Su

An introduction to the process of psychological testing. Topics will include basic test terminology, administration, interpretation, validity, reliability, ethics, etc.

PSY 406 Social Psychology (3) F, Sp, Su

The study of the relationship of the individual to social systems. This course surveys the effects of physical, mental, and emotional growth and development on social interaction and social and cultural influences on behavior, attitude development, social conflict, and group processes will be investigated. Major schools of social psychological perspective are also reviewed.

PSY 407 Psychology of the African-American (3) F, Sp, Su

The primary focus of this course will be to examine the major psycho-cultural influences which have shaped the psychological lives and functioning of African-Americans. Special attention will be given to examining the appropriateness of the Eurocentric psychological tradition in examining and describing the behavior and

experience of African-Americans.

PSY 410 Practicum I (6) F, Sp, Su

This course provides for institutional placement for psychology majors. Composed of an on-site study of research practices, group treatment practices and psychotherapy. Authorization for placement must be obtained from the division's practicum placement director. Registration and planning with the practicum director must be completed one semester prior to placement.

PSY 411 Practicum II (6) F, Sp, Su

The continuation of PSY 410 for psychology majors. Composed of on-site study, research practices, testing and analysis, and group treatment practices and psychotherapy.

PSY 451 Minority Mental Health (3)Sp

This course allows students to understand how a complex variety of social and psychological factors come together to shape mental health providers ability to work with those who are culturally different. Some of the topics include cultural competence, racism, culture and ethnocentricity, ethnic children, parenting and families, ethnic mental health issues, and biases in the mental health service delivery.

255

PSY 452 Organizational Behavior (3) F, Su

This course is concerned with the psychology of individuals and how their behavior is influenced by others in the organization. A major emphasis will be placed on examining the basics of individual motivation, attitudes, and decision-making, seeing how these human tendencies may lead to productive and ethical actions.

Public Administration

PAD 301 Concepts and Issues of Public Administration (3) Sp, Su

An introductory study of the theory and practice of governmental administration in differing environments, the role of administrator in public policy issues facing administrators, and techniques of administration.

PAD 302 Management of Urban Government (3) Sp, Su

A study of the problems of local government units in the urban environment. Emphasis is placed on the organization and function of local agencies.

PAD 303 Principles of Public Planning (3) F

A study of the basic concepts of community planning, regional, county and city. Consideration is given to master plans, including purpose, content, and method of implementation.

PAD 304 Public Personnel Administration (3) F, Su

An analysis of personnel problems with emphasis on supervision and management of public employees and public organizations in a period of change.

PAD 305 Florida Law and Public Governance (3) F

A study of Florida law governing the nature, regulation, and control of counties, charter cities, school districts and special districts. The creation, alteration, dissolution, legal actions by and against, powers and duties, the rights and liabilities of local governments are also studied.

PAD 306 Administrative Behavior (3) Sp, Su

A study of social, psychological and behavioral theories of organization. Consideration is given to the concepts of administrative leadership, the organization, and the individual with emphasis on governmental organizations.

PAD 401 Management of State Government (3) F

Prerequisite: POL 301 and PAD 301.

A study of the administration and constitutional problems of state management in the American federal system. Emphasis is placed on the State of Florida.

Religion**REL 101 Intro to Religion (3) F, Sp, Su**

This is an intensive reading course surveying the practices and associated customs of the major recognized religions of the world, such as Judaism, Christianity, Hinduism and Islam.

REL 201 Introduction to Philosophy (3) F, Sp, Su

This is an intensive reading and writing course surveying Western philosophy and its major philosophers.

REL 202 Philosophy of Religion (3) F, Sp, Su

This course is designed to give students an incisive approach to an understanding of the basic philosophy which undergirds the formulation of religions concepts. Special emphasis is placed on fundamental concepts and ideas about ethics, epistemology, metaphysics, and aesthetics as these bear upon religious experience and belief.

REL 203 Literature of the Old Testament (3) F

A comprehensive analysis of the major division of the books of the Old Testament. Consideration will be given to authorship, dates and historical setting. Attention will focus on the Documentary Hypothesis and the implications of higher and lower criticism for biblical studies. Elective upon request.

REL 204 History of the Hebrew People (3) Sp

This course is designed to give students an appreciation for the history of the ancient Hebrew people and the development of the Judaic faith. Cultural intermingling of the Hebrews with surrounding nations and its effect on the development of Hebrew social, political and religious perspectives of life will be emphasized.

REL 302 Survey of the New Testament (3) Sp

A comprehensive study of the twenty-seven books comprising the New Testament. Special attention is given to the variations which are to be found in the four gospels. The prominence of the Pauline letters, the general epistles and the Johannine writings to an understanding of the books in the New Testament will be emphasized.

REL 303 Greek I (3) F

A technical and fundamental understanding of the Greek language to facilitate rapid reading and interpretation of words and phrases. Emphasis is placed on the importance and use of the Greek lexicon in understanding the word meanings.

REL 308 Greek II (3) Sp

Prerequisite REL 303

This is a continuation of the fundamentals of Greek grammar. Attention is given to vocabulary and sentence structure. Rapid reading of Greek text.

257

REL 310 The Psalms (3) Sp

An understanding of the composite structure of the Psalter. Special attention is given to authorship, possible dates of the writing of the five divisions of the Book of Psalms. The deristical aspects of the Psalter will be considered.

REL 313 Life and Letters of Paul (3) F

An in depth understanding of the man Paul and his cultural and religious background which find expression in his epistles, teaching, and doctrine. Paul's Hebraic background brings into focus such New Testament doctrines as justification by faith, the Lord's Supper, the resurrection of the dead, adoptionism, etc.

REL 322 Christian History (3) Sp

The growth and development of the early Christian church and its progress toward present times. The impact of secular movements on Christian thinking will be observed. The stability of the Christian church through changing times will be emphasized.

REL 323 History of the Baptists (3) F

The origin of the Baptist denomination on the European continent through its transmission to the Western hemisphere. Similarities and dissimilarities to other denominations will be pointed out. A basic understanding of its fundamental doctrines and beliefs. Recommended only for students in sympathy with sectarian emphasis.

REL 324 The Intertestamental Period (3) Sp

A brief survey of the political conditions of this period. The impact of foreign culture on Jewish theology, the rise of religious parties, and the writing of the books of the Apocrypha. Special attention will be given to the change or changes in Jewish theological concepts carried over into the New Testament.

REL 351 Pastoral Ministry (3) F

A study of principles and methods for the preparation and delivery of sermons, with pastoral visiting and counseling, the planning of church worship services and other special duties for pastors. For ministerial students only.

REL 353 Church Leadership (3) F

Designed for both ministers and religiously mature lay students wishing to equip themselves for effective church leadership. Students will be assigned responsibilities in their churches, visit other churches for observation and carry out assigned work under the joint supervision of church leaders and Religion and Philosophy staff.

REL 401 Christian Education (3) F

A study of the foundations and principles of Christian Education, with a view toward understanding the methods by which the Christian faith can be inculcated in the total life of the home and the church.

REL 402 8th and 7th Century Prophets (3) Sp

An examination of the function and importance of prophecy and poetry in Old Testament times, followed by detailed study of the Biblical books in these classifications.

REL 405 Internship I (3) F, Sp, Su

A program of Internship in a Church or Agency where ministerial students and mature lay persons may learn how to operate within these systems.

REL 406 Internship II (3) F, Sp, Su

Continuation of REL 405.

REL 408 Evangelism (3) F, Sp, Su

A survey of evangelistic endeavors, including Christ, the Master Evangelist, early evangelism in Acts, and strategies for evangelism in contemporary society.

REL 409 Pastoral Counseling (3) F, Sp, Su

A survey of counseling in the ministry, including practice and process (the Biblical approach), problems and dangers, reliable resources and referral agencies.

REL 410 Homiletics (3) Sp

This course emphasizes the structure, preparation, and delivery of sermons with a

view toward improving the presentation of the gospel message through the medium of preaching.

REL 420 Internship in Religious Education (3) F, Sp, Su

Prerequisite REL 401

A program of research in Christian education practices in a local church. Open to students interested in Christian education. Students, supervisors and Religion and Philosophy faculty will work out a contract for this internship. Students' grades will be reported by supervisors prior to the end of the term.

REL 431 Biblical Ethics (3) F

This course uses the case study method approach to the ethics of the Bible; it will help students understand the variety of ethical approaches present in Old and New Testament scriptures as a *prerequisite* to all other ethics courses.

REL 432 Christian Ethics (3) Sp

Prerequisite REL 431

An introduction to Christian ethical theology. Includes a study of historical and contemporary ethicists and special issues raised by them. This course will explore subjects of personal choice, social concern and policies.

REL 434 Life of Christ (3) Sp

A comprehensive study of the life Christ, including his teaching ministry, the miracles, parables and pithy sayings. Emphasis will be placed on his role as Messiah, Savior, and Lord.

259

REL 435 African American Religion (3) F

A comprehensive examination of the roots of the cultural and religious experience of African Americans in the American ethos. The course explores the African background, the slave experience, emancipation and the growth of cultural nationalism as these have contributed to American culture.

REL 463 Seminar in African American Theology (3) F

An analytical and critical approach to African American theology as expressed in African American religious writings from the past and present.

REL 495 Senior Project (3) Sp

A culminating activity in religion researched, written and presented and/or submitted for publication.

Social Sciences

SSC 101 Contemporary Society I (3) F, Sp, Su

This is an intensive reading course. The course covers the basic concepts of culture, individual and group interaction, social stratification, socialization,

primary groups and associations, and a study of the methods, techniques, and findings of sociology, psychology and anthropology as they are combined to reveal humans in their cultural environment.

SSC 102 Contemporary Society II (3) F, Sp, Su

This is an intensive reading course. This course covers the evolution of social political and economic institutions. Consideration is given to the scarcity of resources and the struggle for power.

SSC 200 Cultural Anthropology (3) F, Sp, Su

This course covers the comparative study of cultures, with emphasis on kinship, economic and political organizations and cultural change.

SSC 300 Research Methods (3) F, Sp, Su

This course provides an overview of various research methods used in sociology, political science, public administration, criminal justice, and other areas of social and behavioral science. Emphasis is placed on the logic of social inquiry, problems of research design and execution, and qualitative and quantitative analyses. Students will be guided through a research proposal that may be used in the development of their senior project

260

SSC 302 Introduction to Statistics (3) F, Sp, Su

Prerequisite: Successful Completion of MAT 102 or a higher level math course.

This course is designed to introduce students to the basic concepts of descriptive and inferential statistics, and to build a groundwork for better understanding social science data and statistics commonly used in social research. Emphasis will be placed on practical application of statistical theories and techniques to social science data, the use of statistical computer software, and the interpretation and production of statistical tables and charts. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered.

SSC 304/CUL 304 Cultures and Film (3) F, Sp

This course will view independently and commercially made films. The analytical perspective is socio/cultural. Focus will be placed on African, Latin American, Asian and Francophone film productions dealing also with issues of class, religion, and gender.

SSC 320 Cooperative Education (6) F, Sp, Su

This course allows students to undertake employment related to the major in order to obtain practical experience and financial compensation. This course can be taken by any student with a major in Social Sciences who has completed the junior year of study. *Approval of the division chair and the director of cooperative education is required.*

SSC 321 Cooperative Education (6) F, Sp, Su

This course allows students to undertake employment related to the major in order

to obtain practical experience and financial compensation. This course can be taken by any student with a major in Social Sciences who has completed the junior year of study. *Approval of the division chair and the director of cooperative education is required.*

SSC 400 Independent Study (3) F, Sp, Su

This course provides independent direction and supervision of a social science instructor.

SSC 400 African-American Women in American Society (3) Sp, Su

An examination of historical and contemporary roles of African American women in society. The course includes study of socio-political and psychological forces affecting African American women.

SSC 404 Selected Topics in Social Science (3) F, Su

An opportunity for interdisciplinary study in the social sciences as well as special topics of current relevance in the various social science disciplines.

SSC 405 Contemporary Social Change (3) Sp, Su

Prerequisite: SSC 300

An analysis of the dynamic basis of American social change. Dealing with perspectives on American culture from a point of view that analyzes the American myth of Western cultural supremacy. Cultural nationalism with special emphasis on Black cultural life, will be the core consideration in the course. Reading will be extensive. Students will both participate in and monitor projects and seminars that bear on the course of study. It is an advanced course of study for upper division students committed to intensive reflections on nationalism and social change in American life.

261

SSC 421 Field Placement I (6) F, Sp, Su

Prerequisite: Senior Status. Advisor's approval.

Learning through authorized, supervised work experience in the students area of study. Student placement at appropriate, area-related work sites, are conducted by the division's field placement director. Authorization for field placement must be obtained, from the field placement director, one semester before placement.

SSC 422 Field Placement II (6) F, Sp, Su

Prerequisite: SSC 421.

A continuation of Field Placement I. Learning through authorized, supervised work experience in the student's area of study. Student placement must be authorized by the division's field placement director, one semester before placement.

SSC 423 Senior Project (3) F, Sp, Su

Prerequisite: Senior Status

A culminating course for seniors in the social sciences. Seniors are required to

demonstrate an understanding of their field by developing and presenting an in depth study; in their major. The topic investigated must be submitted to and approved by the advisor and the division chairperson.

SSC 424 Field Experience (3) F, Sp, Su

This course involves directed learning; to include student visitations to, and assignments to the major field. The final essay for this experimental learning course is theme based.

Social Work

SOW 300 Introduction to Social Work (3) F, Sp, Su

The purpose of this course is to provide students with an historical and philosophical foundation for social work practice. Emphasis will be placed on integrating ethical concepts, values, processes, and clinical interventions that take place in client-worker relationships.

SOW 301 Human Behavior and Dynamics (3) Sp, Su

This course reviews the impact of social, cultural, psychological, and biological factors on human behavior and functioning in the life cycle.

262

SOW 401 Social Work Practice (3) F, Su

A study of social work theory and practices. The course will bring together different theories and modalities currently influencing social work.

SOW 402 Social Work as a Profession (3) F, Su

Survey of the field of social work including the social work: social casework, group work, community organization, research and administration. Case material is used to illustrate certain concepts and methods.

SOW 403 Social Welfare as an Institution (3) Sp, Su

Exploration of the background and development of social services in relation to economic, political and social change, an analysis of the of the delivery of social services in urban society with attention directed to social welfare policies and programs. Field observation is utilized to relate various services and activities to course content.

SOW 404 Social Work Seminar (3) F, Su

Prerequisite: SOW 401

An advanced course for social work majors provides opportunity for students to read, analyze current literature, issues and developments in the field of social work.

SOW 405 Social Policy (3) Sp, Su

An examination of the policy making process with attention to the structure of

power and decision-making at the national, state and local levels of government. The course takes into account the vested interest and influence of the private sector. Models for policy formulation and analysis are also explored.

SOW 406 Social Casework and Group Work (3) F, Su

Designed for students to develop knowledge and skills in working with individuals, families and groups. Students can also learn theories of group formation, group process and group work techniques, and how to apply these techniques in a range of professional settings

SOW 407 Aging and Social Work (3) Sp, Su

An introduction to gerontology and social work. This course provides an opportunity to explore perspectives of social work in dealing with the aging process.

SOW 408 Social Work Writing Techniques (3) F, Su

Methods of case recording is the focus of this course. Students learn how to record relevant data and how to write brief, clear and meaningful case notes, treatment plans, and social histories.

SOW 409 Social Work Practice I (3) F, Su

This course introduces students to a broad range of theories, therapeutic techniques, and work roles that pertain to social work practice including both clinical and macro perspectives. Special emphasis will be places on intervention methods for working with children and families.

263

SOW 410 Social Work Practice II (3) Sp, Su

This course introduces students to a broad range of theories, therapeutic techniques, and work roles that pertain to social work practice including both clinical and macro perspectives. Special emphasis will be placed on methods that are relevant to minority communities.

Sociology

SOC 200 Introduction to Sociology (3)F, Sp, Su

This course is a systematic study of society to gain an intelligent awareness and understanding of questions dealing with man in social relationships; a study of the nature, concepts and principles of sociology, society, culture, socialization, groups, institutions and organizations; class systems; social change and social processes.

SOC 303 Social Problems (3) F

A study of nature, extent, causes and consequences of major social problems which relate to social disorganization and pathology in American communities today. Analysis of attempts to alleviate such problems are included.

SOC 304 Social Psychology (3) F, Sp, Su

The study of the relationship of the individual to social systems. This course surveys the effects of physical, mental, and emotional growth and development on social interaction and social and cultural influences on behavior, attitude development, social conflict, and group processes will be investigated. Major schools of social psychological perspective are also reviewed.

SOC 305 Group Dynamics (3) F, Sp, Su

This course focuses on the study of group interaction patterns and the role individuals play in group interaction. The course combines both theory and practice. Special attention is given to perception, communication, leadership and observation in a group setting. Other issues discussed include group goal setting, problem solving and decision-making. Students also talk about the ethical and professional issues of group therapy as well as review effective group counseling methods and techniques. Finally, issues of culture, gender, ethnicity, race and class are discussed in relation to group dynamics.

SOC 306 Urban Social Movements (3) F, Su

This course examines different forms of collective behavior. However, special emphasis is given to social movements as a form of collective behavior and as a response to social problems, values, disorganization, and deviance.

SOC 307 Community Organization (3) F, Sp, Su

The evolution of community organizations, their structure, functions and practices. Emphasis is placed on the creation of community organizations and techniques of community organizations to meet social problems.

SOC 308 Urban Sociology (3) F, Sp, Su

Study of the nature, causes and consequences of urbanization, the origin and development of the city, social and demographic characteristics of urban population, ecological processes, organization, functions and problems of urban communities such as transportation, housing, homelessness.

SOC 309 Sociology of Deviance (3) Sp, Su

This course presents an examination of the definition and nature of deviance and its function in social settings, the various forms of deviance and the historical and contemporary definition of deviance.

SOC 400 Independent Study (3) Sp, Su

This course provides independent research of specific areas with direction and supervision of a sociology instructor.

SOC 402 Racial and Cultural Groups (3) F, Su

An analysis of intra-group and intergroup relations, from the standpoint of contemporary sociology, anthropology, and social psychology. Major theoretical

developments and research problems in fields of race relations are included. The nature and types of racial and cultural groups, causes and consequences of prejudice and discrimination, democratic values and scientific facts, and approaches to resolving intergroup problems are emphasized.

SOC 403 Marriage and Family (3) Sp, Su

A study of marriage and family as a social institution subject to the impact of biological, psychological, socio-cultural and religious-ethnic forces. Special emphasis is placed on the African American family in America.

SOC 404 Seminar in Social Theory (3) Sp, Su

A survey of the major social theories and their relationship to social research. Theories included are those of Marx, Durkheim, Park, Sumner, Cooley, Mead, Veblen, Johnson, Frazier, Weber, Parsons and others.

SOC 405 Survey Research (3) F, Su, Su

Prerequisite: SSC 300

This course provides an opportunity for exploring and utilizing survey research techniques. Opinion polls, telephone surveys, mail questionnaires, panel studies and others are investigated.

SOC 406 Contemporary Black America (3) F, Sp, Su

This is an intensive reading course. This sociology course examines historical, social, political, and economic factors affecting those of African descent, living in America today. This course focuses on African Americans, Africans, South Americans and individuals from the Caribbean islands in America.

265

SOC 408 African American Women in American Society (3) F, Sp

This is an intensive reading and writing course. This course traces the historical, social, and political roles and perspectives

SOC 421 Field Placement I (6) F, Sp, Su

Supervised on-site learning experiences. Student placement at appropriate sites are conducted by the field placement director. Regular seminars are held to discuss agency experiences and to provide feedback. Authorization for placement must be obtained, from the field placement director, one semester before placement. Registration and planning with the field placement director must be completed one semester prior to placement.

SOC 422 Field Placement II (6) F, Sp, Su

Prerequisite: SOC 421

A continuation of field placement I. Students learn through authorized, supervised work experience in sociology. Student placement in appropriate agencies or organizations are conducted by the division's field placement director.

SOC 431 Seminar in Drug Abuse (3) F, Su

An introduction to the field of substances abuse and drug abuse counseling. Students study types of drugs, classification of drugs, the effects of drugs, drug abuse, and counseling modalities. Students identify local, state and national resource persons in the area of substance abuse.

SOC 450 Sociology of Religion (3) Sp, Su

Emphasis given to the sociological foundation and development of major denominations, the Black church and cults. Course offered to majors in Social Science and Religion and Philosophy. *Permission of chairperson required.*

Teaching English to Speakers of Other Languages

ESO 401 Cultural Communications (3) F, Sp, S Prerequisite EDU 205

This course examines cultural factors which influence the acquisition of learning of native and target languages. The course will focus on how an awareness of native and target cultural contributes to the effective teaching of the respective language.

ESO 402 Curriculum and Materials Development (3) F, Sp, S Prerequisite EDU 203, 204 or 206 and 205

A study of the content development, materials and evaluation of ESOL curriculum for use in bilingual or multilingual settings. The course includes a survey of techniques for assessing needs, determining objectives and designing and evaluating curriculum materials.

ESO 403 Methodology of Teaching ESO (3) F, Sp, S Prerequisite EDU 203, 204 or 206 and 205

A survey of techniques used in teaching TESOL including a review of audio-lingual, cognitive code, and functional/natural approaches. This course examines curriculum and methods used in teaching and testing the skills of speaking, listening/understanding reading and writing.

ESO 404 Teaching and Evaluation in ESO (3) F, Sp, S

Prerequisite EDU 203, 204 or 206 and 205

Development of teacher-made tests. Applied standard tests in ESOL & BLE classes. Interpretation of statistics data in grading. Testing the skills of speaking, listening/understanding reading & writing.

Theatre

THE 181 Theater Ensemble I (3) F

Practical experience in theater production, including design, casting, directing, lighting, technical support and public performance, under faculty supervision.

THE 182 Theater Ensemble II (3) Sp

Continuation of THE 181.

THE 301 History of Theater (3) F

The evolution of theater from its earliest times to the contemporary period, focusing on European developments.

THE 302 History of African American Theater (3) Sp

The evolution of theater from its earliest times to the contemporary period, focusing on African and African American (the minstrel show, musical comedy) developments.

THE 311 Acting I (3) F

Fundamentals of stage performance, stressing voice production, movement and formal and technical aspects of the actor's art.

THE 312 Acting II (3) Sp

Continuation of THE 311.

Visual Art

267

ART 101 Art History (3) F

This is a survey lecture course of world art from prehistory to present times with special emphasis on the role played by the African American experience.

ART 103 African American Art (3) F

This is a lecture course on the history and development of African American artistic expression from the sixteenth century through the Harlem Renaissance to modern times in the United States and the Caribbean.

ART 121 Beginning Design (3) F

This is a studio course in basic theory and principles of design and the understanding of rhythm, balance and harmony in visual communication using color, shape, texture, etc.

ART 131 Drawing I (3) Sp

This is a studio course in freehand drawing focusing on the use of basic shapes and forms, control of line, eye measurement, proportion and drawing from life, and establishing drawing as the basis of all visual art.

ART 200 Art Appreciation (3) F, Sp, Su

An exposition of the philosophy, principles and materials of the visual arts from earliest times to the contemporary period with illustrative examples from the ancient Egyptians, Greeks, Romans, other ancients and Christians, moderns and contemporaries, emphasizing influences and contributions by Africans and

African Americans.

ART 22I Graphic Design I (3) F

This studio course applies the principles of design to print-oriented subject matter, including advertising design, copyfitting, typography, etc.

ART 23I Painting I (3) Sp

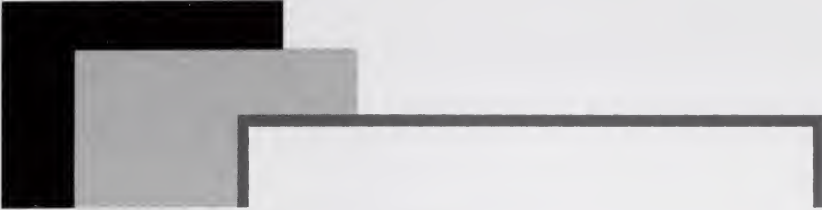
This is an introductory studio course focusing on basic principles of color theory and exploring the possibilities of water color, acrylic and oil painting.

ART 33I Mural Painting (3) Sp

This studio course involves the rendering of large images using the grid method and understanding the role of perspective in large works.

ART 34I Sculpture I (3) F

This studio course focuses on the basic principles of transferring ideas and concepts conceived two-dimensionally and rendering them in three-dimensional form in clay, plaster and wood media.



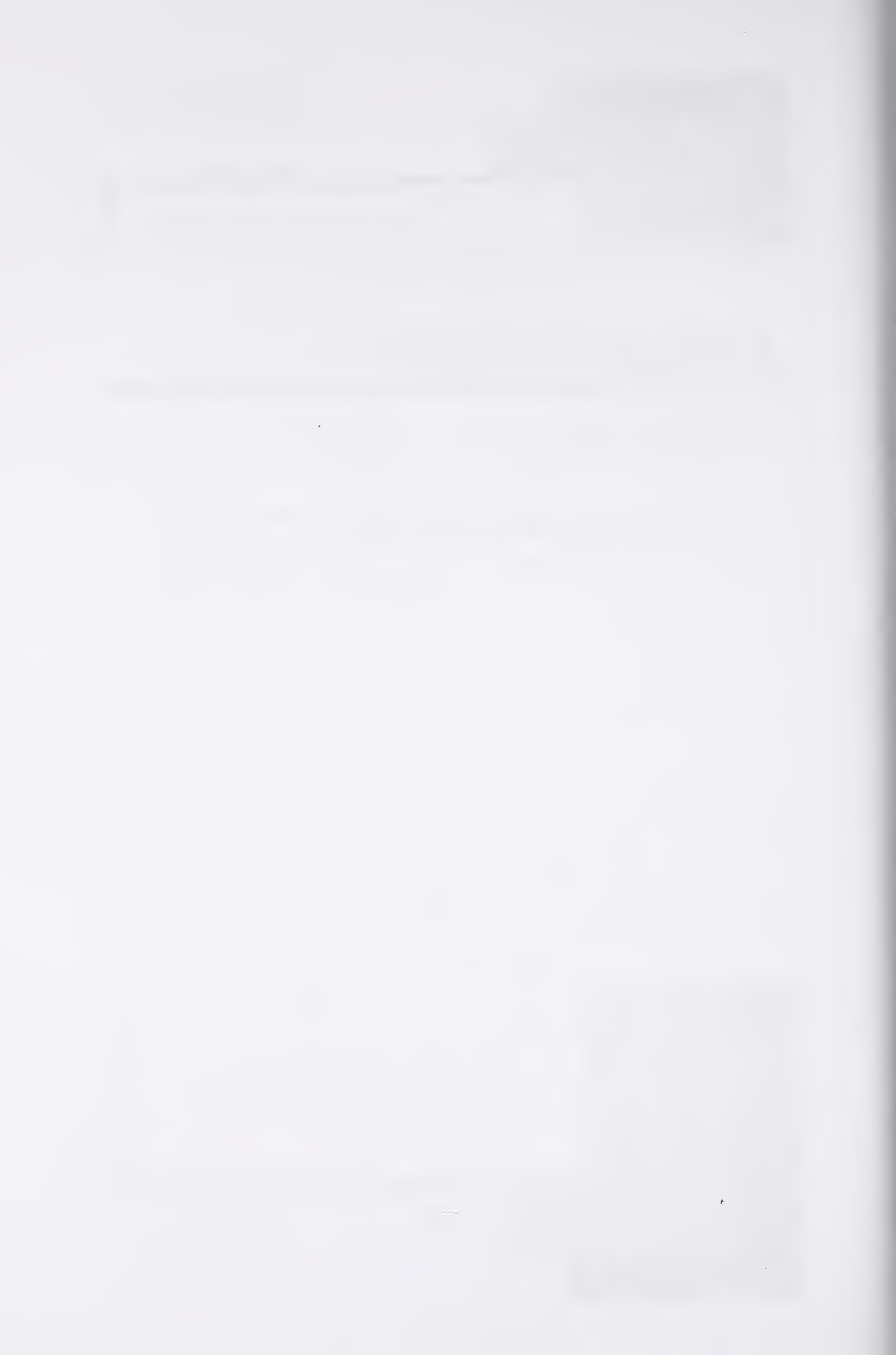
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276

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277

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Jacklan Alexander, *Director of Residential Life, Department of Residential Life. B.S., Florida A&M University; M.A., Pepperdine University; M.S., California State University - Los Angeles.*

Mavilyn Allen-Greenlee, *Administrative Assistant, Enrollment Management, B.S., Florida Memorial College*

Leila Allen-Efford, *Associate Registrar, Registrar's Office, A.A., Palm Beach Junior College; B.S., Florida Memorial College*

Shelton H. Allwood, *Director of Student Support Services, M.S.W., Adelphi University*

Hopeton Anderson, *Director of Auxiliary Services, Auxiliary Services Department, A.A., Dawson College*

Brenda Ausborn, *Secretary, Athletics Department; B.S., Florida Memorial College*

Georvonia Bailey, *Director, Pre-College Programs. B.A., St. Thomas University*

Sheryl Hampton-Bain, *Secretary, Career Planning & Placement*

Sonianna Barrett-Anderson, *Administrative Assistant to the Vice-President for Business*

and Fiscal Affairs

Lemar Bell, *Assistant Director, Residential Life*

Kenneth Bellinger, *Residence Hall Counselor, Residential Life, B.S., Florida Memorial College*

Sophretta Benjamin, *Secretary, Business Administration*

Nestly Benoit, *Financial Analyst, Budgeting and Cash Management*

Jean Biename, *Academic Advisor/ Guidance Counselor, General College Division. B.A., Concordia University; M.S., Barry University.*

Charlene Blades, *Secretary, Admissions*

Rosemary Brathwaite, *Students Account Manager, Budget, Cash Management & Financial Analysis*

Cheryl Brown, *Purchasing Manager, Controller's Office*

Mersades Brown, *Mail Center Manager, Mail Center*

Laura Brown-Joseph, *Secretary, Black Males Explorers Program*

280

Daniel T. Buggs, *Reference Librarian (Part-Time), College Library. B.A., Vorhees College; M.A., The Ohio State University; M.A.L.S., University of Michigan-Ann Arbor*

Alphonso Burnside, *Director, Administrative Support Services, B.S., Florida A & M University*

Belinda Bynum, *Admissions Officer Recruiter, Office of Admissions;*

Carla Carter-Eldridge, *Program Development Coordinator, Extension & Continuing Education. B.S., Colorado Women's College; M.S., Howard University.*

Nehemy Cher-Frere, *Library Technician, College Library. B.S., Florida Memorial College; M.S., St. Thomas University.*

Kayasa Cobb, *Human Resources Coordinator, Office of Human Resources*

Taj Cole, *Secretary, General College.*

Eugenia Cole-Russell, *Off-Campus Site Coordinator, Division of Extension & Continuing Education. B.S., M.S., Barry University*

Kareem J. Coney, *Coordinator, Black Male College Explorers Program, M.S., Nova Southeastern University*

Zelda Cooks-Dolphin, *Residence Hall Counselor, Residential Life; B.S., Florida Memorial College*

Nicola Cooper, *Assistant Manager Bookstore, Auxiliary Services*

Pamela Cregg, *Secretary, Registrar's Office*

Regina Cumbie-McPhee, *Secretary, Institutional Research*

Treon Cummings, *Admissions Officer Recruiter, Office of Admissions. B.S., Florida Memorial College.*

Carlatta Dancy, *Director, Intramural & Recreational Sports, M.S., Wayne State University*

Goemmier Davis, *PC Technician, Information Management/ Technology, B.S., Florida Memorial College*

Steven Davis, *Work Experience Coordinator, Career Planning & Placement*

Henry DeGraff, *Financial Aid Officer, Financial Aid Department, B.S., York College of the City University of New York*

David Dobson, *Driver, Facilities Management & Plant Operations*

Renee Dozier, *Assistant Coordinator, Division of Extension and Continuing Education. M.S., Nova Southeastern University; Ed.Sp., Barry University.*

Balfour Duncan, *Cataloging/ Systems Technician, College Library, B.S., Florida Memorial College*

281

Michael Dyšart, *Library Assistant, College Library*

Lenora Edwards, *Admissions Officer, Office of Admissions.*

Markelda Ellis, *Human Resource Coordinator, Human Resource Department, A.S., Panama Canal College*

Rev. Newton Fairweather, *Campus Minister, Campus Ministry. M.Div., Interdenominational Theological Center.*

Zandra Faulks, *Publications Advisor, Public Affairs. M.S., University of Miami*

Patricia Fleeman, *Secretary, Division of Humanities.*

Mavis Forbes, *Help Desk Coordinator/ Secretary, Office of Information Management/ Technology*

Clifton Franklin, *Academic Evaluator, Office of the Registrar. B.S., Florida Memorial College.*

Diane Frater, *Secretary, Self-Study Center*

Lynette Fuller, *Mental Health Counselor, Counseling Center, B.A., University of Miami; M.S., Nova University.*

Sonja Gibson, *Coordinator, Student Accounts, B.A., Florida International University*

Gladys Gonzalez, *Coordinator, Division of Extension and Continuing Education, M.Ed., University of Havana*

Roberto Gonzalez, *Financial Analyst, Budget, Cash Management & Financial Analyst, MBA, U.S. International University*

Frances Gray, *Direct Loan Accountant, Controller's Office.*

Carolyn Green, *Residence Hall Director, Residential Life*

Walter J. Hale, *Coordinator, Church Relations & Alumni Affairs. B.S., Florida Memorial College; M.A., Barauch College/CCNY*

Candance Hamilton, *P.S.P Counselor, Counseling Center. M.S., Nova Southeastern University*

Irene Handsford, *Administrative Assistant, Office of the Executive Vice President & Provost, B.S., Florida Memorial College*

Oreida Hanson, *Residence Hall Counselor, Residential Life*

Rabie Harris, *Director, Academic Resource Center*

Gary St. Patrick Harris, *Asst. Director, Academic Resource Center, General College Division. A.A., Prince Georges Community College. B.S., Florida International University.*

Carl Hawkins, *Residence Hall Counselor, Residential Life*

Paul Hemphill, *Residence Hall Director, Residential Life*

Felicia Henderson, *Sports Information Coordinator, Athletics Department*

Yves Hilaire, *Residence Hall Counselor, Residential Life, B.S., Barry University*

Tweedie Hillman, *Office Assistant, Office of Executive Vice President and Provost*

Orlando Holness, *Auxiliary Services Assistant, Auxiliary Services*

Stephanie Hope-Cochran, *Periodical Technician, Library. B.A., Union Institute.*

Reuben Hunter, *Acquisitions Technician, College Library, B.S., Florida Memorial College*

Athena Jackson, *Director of Career Planning and Placement and Cooperative Education, MPA., Florida International University*

Yolene Jean-Jacques, *Director of Budgeting, Cash Management & Financial Analyst, MBA, St. John University*

Sheila Jenkins-Boone, *Counselor, Student Support Services, M.S., Barry University*

Bernard Johnson, *Athletic Director/ Men's Basketball Coach, M.S., Boston University.*

Ethel Johnson, *Receptionist/ Switchboard Operator, Office of the President*

Jewel Johnson, *Cheerleader Director, Athletics*

Joquithia Johnson, *Human Resources Assistant, Human Resources Department*

Kathy Johnson, *System Analyst/ Programmer, Computer Center. B.S., University of Maryland - Eastern Shore*

Lois Johnson, *Secretary, Student Support Services. B.S., Florida Memorial College.*

Winifred Jones, *Data Entry Clerk, Registrar's Office*

Etta Kelly, *Photographer, Public Affairs*

Willie D. Kemp, *Controller B.S., Florida Memorial College, MPA, University of Miami*

Desmond C. King, *Library Audio-Visual Media Coordinator. A.A., Miami-Dade Community College*

Carla King-Crockett, *Academic Advising Coordinator, General College Division B.S., Jackson State University*

Natalie Knight, *Secretary, Alumni Affairs*

Cheryl Lacey, *Assistant Director of Admissions, Admissions Department. A.A., Miami-Dade Community College; B.S., Florida Memorial College.*

283

Mirlande Laguerre, *Residence Hall Counselor, Residential Life*

Trevor Lewis, *Data Entry Clerk, Admissions*

Curtis Major, *Fleet Manager/ Driver, Facilities Management & Plant Operations*

Marguerite Malcolm, *Secretary, Office of Church Relations & Alumni Affairs*

Phillip Mann, *Ph.D., Director, Entrepreneurial Institute, Division of Extension & Continuing Education. B.A., M.Ed., University of Miami; Ed.D., University of Virginia.*

Curtis A. Marshall, *Academic Counselor, General College Division. B.S., Fisk University; M.Ed., Tuskegee University.*

Kenneth Marshall, *Women's Basketball Coach, Athletics Department*

C. Vernon Martin, Jr., *Director of Student Activities B.S., Lincoln University*

Peggy D. Martin, *Director of Admissions. B.S., Tuskegee Institute; M.S., Southern Illinois University - Edwardsville.*

Laraine McCallum, *Admissions Officer, Admissions Department, M.A.Ed., La Salle University*

Rose Marie McClung, *Associate Director, Entrepreneurial Institute, Division of Extension & Continuing Education. B.A., Rollins College; M.Ed., University of Miami.*

Shirley McDowell, *Residence Hall Counselor, Residential Life*

Delores McKenzie, *Grants and Contracts Administrator, Controller's Office*

Urith McKenzie, *Mail Room Clerk (Part-Time), Mail Center*

Jane Meyer, *Cataloging Assistant. B.A., Florida International University.*

Vansella Mincy, *Secretary, President's Office*

Archie Mobley, *Bursar, Controller's Office. B.S., Florida A&M University*

Marilisa Moise, *Duplication Assistant, Duplication Center*

Nancy L. Moore, *Assistant Bursar, Controller's Office*

Carolyn Mosley, *Secretary, College Library*

Norvik Myers, *Secretary, Division of Social Studies B.A., Florida Memorial College*

Paula Nelson, *Secretary, Grants & Sponsored Research*

Gus Nero, *Residence Hall Counselor, Residential Life, MSW, University of Pittsburgh*

Kimberly Nixon, *Data Entry Clerk, Financial Aid Department*

Nilda Nunez-Cortez, *Administrative Assistant, Counseling Center*

Christopher Nwamah, *Assistant Controller, Controller's Office, B.S., Southeastern Oklahoma State University*

Frankie Owens, *Cashier, Bookstore*

Artrice Parker, *Secretary, Division of Extension & Continuing Education*

Ellis Peet, *Computer Support Technician, Computer Center, B.S., Florida Memorial College*

Gloria Penn, *Financial Aid Officer, Financial Aid Department, B.S., Mississippi Valley State University*

Ulysses Perez, *Web Master, Information Management/ Technology*

Brian Phillip, *Director of Financial Aid, Financial Aid Department, B.S., Florida Memorial College*

Glenn Pippenger, *Administrative Assistant, College Library (Part-Time) B.B.A., Northwestern University*

Paula Powell, *Secretary, Special Assistant to the President for Urban Affairs.*

Michelle Ramin, *Acting Director of Instructional Technology, Information Management/ Technology. EMBA, Florida International University.*

Khalil Rahming, *Mail Center Clerk, Mail Center*

Joan Redd, *Administrative Assistant, Office of Vice President of Development and College Relations, B.A., University of Miami*

Lorenzo Reed, *Residence Hall Director, Residential Life*

Alida Rejon, *Secretary, Testing Center. Associate, Isaac Newton Institute.*

Sadie Reyes, *Library Technician, College Library. B.S., Florida Memorial College*

Roosevelt Richardson, *Women's Track Coach, Athletics Department*

Robert Robaina, *Athletics Volleyball Coach, Athletics*

Gwendolyn Robinson, *Director of Pre-Student Teaching, Division of Education. B.S., Bethune-Cookman College; M.S., Ed.D., University of Northern Colorado.*

Faye Rodney, *Coordinator, CROP Program. Enrollment Office, B.S., Barry University of the Bahamas*

Maria Rodriguez-Ruiz, *Reference/ Archives Technician. B.A., M.L.S., University of Puerto Rico.*

Julio Rojo, *Assistant Baseball Coach, Athletic Department*

Roosevelt Rolle, *Admissions Officer, Admissions Department; B.S., Florida Memorial College*

Janine Ross, *Administrative Assistant, Vice President for Information Management and Technology. B.S., Nova Southeastern University; M.S., St. Thomas University.*

Danitra Salahud-Din, *Scheduling Coordinator, Student Activities*

Greta Samuels, *Secretary, Office of Public Affairs*

Sidra Sargent, *Office Assistant, Division of General College*

Tomasina Scott, *Financial Aid Officer, Financial Aid Department, B.S., University of Florida*

Pamela Scriven, *Director, Information Management/ Technology. B.S., North Carolina Central University; B.S., Southern University.*

Lourdes Silva, *Registrar, Registrar's Office. B.A., University of Puerto Rico; M.S., Syracuse University.*

Randy Simmons, *Assistant Women's Basketball Coach, Athletics*

Daneeka Smith, *Secretary, Facilities Management and Plant Operations*

Bridgette Stallworth, *Clerk Typist/ Receptionist, Registrar's Office*

Desrene Stewart, *Coordinator, Testing Center. B.S. Florida Memorial College*

Latasha Strawder, *Assistant Cheerleader Coach, Athletic Department*

Kozman D. Stroman, *Federal Direct Loan Coordinator, Financial Aid Department, B.S., Florida Memorial College*

Casandra R. Stroy, *Coordinator, Division of Extension and Continuing Education B.S., Florida A&M University*

Sheryl Thomas, *Office Assistant, Controller's Office*

Robert Turner, *COMPACT Coordinator, Enrollment Management, MPA, Florida Atlantic University*

Ginette Vaval, *Secretary, Division of Airway and Computer Sciences*

Trevor Walker, *Manager, Duplication Center*

Roscoe Warren, *Director of Enrollment Management B.S. Georgetown University*

Willie Warren, *Athletic Trainer, Department of Athletics*

Kathleen White-Clarke, *Residence Hall Director, Residential Life*

Cassandra Wiggins, *Director, Office of Human Resource. B.S., University of South Florida*

Angela Williams, *Secretary, Division of Education*

Argerine Williams, *Counselor, Student Support Services, M.S.W., Barry University*

Edward Williams, *Skills Lab Coordinator, General College Division, B.S., Florida Memorial College*

Lynne M. Williams, *Residence Hall Counselor, Residential Life*

Rose Williams, *Residence Hall Counselor, Residential Life*

James Williamson, *Residence Hall Counselor, Residential Life, B.S. Florida A&M University*

Woodrow Wilson, *Director, Counseling Center. B.S., Morehouse College; Ph.D, State University of New York*

Cory Witherspoon, *Director of Development, Office of Development and College Relations. B.S., Bethune-Cookman College; MPA, Nova University.*

Shaun Wolfe, *PC Technician, Information Management/ Technology*

Phillip Wright, *Admissions Officer, Admissions Department, B.S., Florida Memorial College*

Osei Xavier, *Public Affairs Assistant, Public Affairs*



Index

Index

A-C

Academic Advisement, 62
 Academic Calendar, vi
 Academic Computing, 27
 Academic Honor Code, 44
 Academic Honors, 39
 Academic Information
 Academic Probation
 Academic Regulations, 30
 Academic Skills Lab,
 Academic Standing, 34
 Academic Suspension
 Academic Warning
 Access to Student Records,
 Accounting, Major in, 81
 Accreditation, 2
 Add, Drop and Withdrawal, 42
 Administration, 272
 Administrative Computing,
 Admissions, 15
 Aeronautical Science, Major in, 69
 African American Studies, Minor in, 164
 Airway and Computer Sci, Division of, 64
 Airway and Computer Sci, Major in
 Airway Science, Major in
 Alumni Affairs, 10
 Anti-Hazing Policy, 14
 Articulation Agreement
 Attendance Policy, 37
 Auditing a Course, 43
 Aviation Center, William Lehman, 6
 Biology with Certification, Major in, 95
 Biology, Major in, 136
 Biology, Minor in, 150
 Blocker Hall, Sarah A.,
 Business Admin, Major in, 83
 Business Admin, Division of, 77
 Campus Directory, 7
 Campus Map, v
 Campus Based Aid, 15
 Career Planning and Placement, 49
 Center for Urban Environmental Studies, 50
 Change of Grades
 Chemistry, Major in, 139, 141
 Chemistry, Minor in, 150

Church Relations, 10
 Classification of Students, 44
 College Campus Map, v
 College Campus, The, 3
 College Library and Services, 50
 College Personnel, 269
 College Standards, 11
 Collier Library, Nathan W., 4
 Communications, Major in, 119
 Computer Science, Major in, 72
 Computer Science, Minor in, 74
 Concurrent Enrollment, 43
 Contents
 Continuing Education Units
 Core Curriculum, 53
 Counseling Center, 13
 Counseling Services, 11
 Course Cancellation, 42
 Course Descriptions, 173
 Credit by Examination, 33
 Credit for Life Experience, 114
 Criminal Justice, Major in, 152, 154, 156
 Criminal Justice, Minor in, 165
 Cultural Activities, 12

D-G

Deferred Payment Plan, 24
 Degree Programs, 31
 Development and College Relations, 9
 Development, 9
 Developmental Course Work, 55
 Information Management and Technology, 27
 Dual Majors, 37
 Dual-Hospitality Mgmt Program, 89
 Ecology, Minor in, 150
 Economics, Minor in, 90
 Education, Division of, 92
 Education, Minor in, 111
 Elementary Education, Major in, 96
 Engineering, Dual Degree, Major in, 142
 English Ed. (6-12), Secondary, Major in, 108
 English, Major in, 121
 English, Middle Grades, Major in, 98
 Environmental Studies, Major in, 144

Environmental Studies, Minor in, 150
 Environmental Studies, Center for Urban, 50
 Exam Permit, 24
 Exceptional Student Ed., Major in, 99
 Extension and Continuing Ed, Division of, 113
 Faculty, 273
 Family Educational Rights & Privacy Act, 46
 Finance, Minor in, 90
 Financial Aid, 14
 Financial Information, 19
 Foreign Language, Minor in, 123
 Freshman and New/Transfer
 Student Orientation, 13
 General College Division, 60
 General Science, Middle Grades, Major in, 101
 Gilbert Auditorium, Matthew W., 4
 Governmental Affairs, 9
 Grade Dispute, 41
 Grade Reports, 39
 Grading System and Quality Points, 38
 Graduation Requirements, 36
 Grants and Sponsored Research, 51

H-L

Health Ed, Minor, 112
 Health Services, 13
 History, Minor in, 166
 Holley Religious Center, Susie C., 6
 Honor Societies, 40
 Honors Program, 56
 Humanities, Division of, 118
 Index, 288
 Institutional Research, 51
 Institutional Self-Study Office, 52
 Institutional Statement of Purpose, 1
 Interdisciplinary Studies, Major in, 115
 International Studies, Major in, 157
 Johnson Fine Arts Building, James Weldon and
 Rosamond, 5
 Laboratory, Computerized Academic Skills, 62
 Language Requirement, FMC, 124
 Lehman Aviation Center, William, 6
 Library and Services, College, 50
 Life Experience, Credit, 114

M-P

Mgmt Info Systems, Major in, 74

Mgmt Info Systems, Minor in, 76
 Marketing, Major in, 86
 Math. Ed, Middle Grades, Major in, 102
 Math. Ed. (6-12), Secondary,
 Major in, 109
 Mathematics, Major in, 146
 Mathematics, Minor in, 150
 Medical Technology, Major in, 148
 Memberships and Affiliations, 2
 Message from the President, i
 Music Ed., Major in, 104
 Music, Major in, 125, 127, 128, 130
 Music, Minor in, 131
 Nat. Sciences and Math,
 Division of, 135
 Network Services, 28
 Off-Campus Sites, 7
 Physical Education (K-8), Major in, 105
 Physical Education (6-12), Major in, 107
 Physical Plant, G.W. Coleman and K.S.
 Westfall, 6
 Poli Sci/Public Admin, Major in, 159
 Political Science, Minor in, 167
 Pre-College/Developmental Studies
 Program, 63
 Pre-Hospitality Mgmt Dual Program,
 Major in, 89
 President, Message from the, i
 Professional and Administrative
 Staff, 279
 Psychology, Major in, 161
 Psychology, Minor in, 168
 Public Admin, Minor in, 167
 Public Affairs, 9
 Puryear Admin. Building, Royal W., 4

R-S

Range Science Hall, M. Athalie, 4
 Refund Schedule, 26
 Refunds or Adjustments, 25
 Registration, 41
 Religion and Philosophy, Major in, 133
 Religious Activities, 12
 Residence Halls, 5
 Robinson Athletic Center, A. Chester, 5
 Sams Activity Center, J.C., 6
 Scholarships, 15
 Second Baccalaureate Degree, 37
 Service Center, Andrew Anderson and

Donald Bacon, 6
Service Charges, 20
Service Charges, Description of, 21
Social Sciences, Division in, 151
Social Work, Minor in, 169
Sociology, Major in, 162
Sociology, Minor in, 168
Special Stipulations, 25
Statement of Disclosure, ii
Student Activities, 12
Student Affairs, 11
Student Computing Labs, 27
Student Orientation, 13
Student Records, 45
Student Services Building, 7

T-Z

TESOL, Minor, 113
Testing Center Services, 52
Transfer Credits from International
Institutions, 36
Transfer of Credits Policy, 35
Transient Permit, 44
Trustees, Board of, 271
Tuition and Fees, 19
Tuition and Fees, Payment of, 23
Veteran Affairs, 48
Visual Arts, Minor in, 134
Web Development, 28
WebCT, 28
Writing Center, 28





15800 N.W. 42nd Avenue
Miami, Florida 33054
(305) 626-3751 or toll-free 1-800-822-1362
www.fmc.edu